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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds

(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-2

Perfect score: 40
Sequence: 1 LDMSWL 6Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:*

- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
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- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
- 4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
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- 11: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
- 12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
- 13: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*
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- 15: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*
- 16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
- 17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
- 18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	40	100.0	6	9 US-09-847-940B-2	Sequence 2, Appli
2	40	100.0	6	10 US-09-847-946A-2	Sequence 2, Appli
3	40	100.0	6	10 US-09-847-946A-33	Sequence 33, Appli
4	40	100.0	7	10 US-09-847-946A-37	Sequence 37, Appli
5	40	100.0	8	10 US-09-847-946A-30	Sequence 30, Appli
6	40	100.0	8	10 US-09-847-946A-38	Sequence 38, Appli
7	40	100.0	9	10 US-09-847-946A-29	Sequence 29, Appli
8	40	100.0	9	10 US-09-847-946A-32	Sequence 32, Appli
9	40	100.0	9	10 US-09-847-946A-35	Sequence 35, Appli
10	40	100.0	9	10 US-09-847-946A-36	Sequence 36, Appli
11	40	100.0	10	10 US-09-847-946A-31	Sequence 31, Appli
12	40	100.0	10	10 US-09-847-946A-34	Sequence 34, Appli
13	40	100.0	11	10 US-09-847-946A-28	Sequence 28, Appli
14	40	100.0	11	10 US-09-847-946A-132	Sequence 132, App
15	40	100.0	11	10 US-09-847-946A-140	Sequence 140, App

16	40	100.0	13	10 US-09-847-946A-143	Sequence 143, App
17	40	100.0	13	10 US-09-847-946A-144	Sequence 144, App
18	40	100.0	13	10 US-09-847-946A-145	Sequence 145, App
19	40	100.0	13	10 US-09-847-946A-148	Sequence 148, App
20	40	100.0	17	10 US-09-847-946A-141	Sequence 141, App
21	40	100.0	17	10 US-09-847-946A-142	Sequence 142, App
22	40	100.0	17	10 US-09-847-946A-146	Sequence 146, App
23	40	100.0	17	10 US-09-847-946A-147	Sequence 147, App
24	40	100.0	18	10 US-09-847-946A-131	Sequence 131, App
25	40	100.0	18	10 US-09-847-946A-135	Sequence 135, App
26	40	100.0	18	10 US-09-847-946A-136	Sequence 136, App
27	40	100.0	22	10 US-09-847-946A-133	Sequence 133, App
28	40	100.0	22	10 US-09-847-946A-134	Sequence 134, App
29	40	100.0	22	10 US-09-847-946A-137	Sequence 137, App
30	40	100.0	22	10 US-09-847-946A-138	Sequence 138, App
31	40	100.0	22	10 US-09-847-946A-139	Sequence 139, App
32	40	100.0	28	9 US-09-847-940B-18	Sequence 18, Appli
33	40	100.0	28	10 US-09-847-946A-118	Sequence 118, Appli
34	40	100.0	222	9 US-09-771-161A-141	Sequence 141, Appli
35	40	100.0	745	9 US-09-796-872-2	Sequence 2, Appli
36	40	100.0	745	9 US-09-844-908-10	Sequence 10, Appli
37	40	100.0	745	9 US-09-844-908-10	Sequence 10, Appli
38	40	100.0	745	14 US-10-243-408-4	Sequence 4, Appli
39	40	100.0	745	14 US-10-059-585-35	Sequence 35, Appli
40	40	100.0	745	14 US-10-338-462-10	Sequence 10, Appli
41	40	100.0	745	15 US-10-408-636-3	Sequence 3, Appli
42	40	100.0	745	15 US-10-394-322A-32	Sequence 32, Appli
43	40	100.0	756	9 US-09-796-872-15	Sequence 15, Appli
44	40	100.0	756	9 US-09-771-161A-232	Sequence 232, App
45	40	100.0	756	9 US-09-844-908-9	Sequence 9, Appli

ALIGNMENTS

RESULT 1
US-09-847-940B-2
; Sequence 2, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
US-09-847-940B-2

Query Match
Best Local Similarity 100.0%; Score 40; DB 9; Length 6;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSWL 6
DB 1 LDMSWL 6

RESULT 2
US-09-847-946A-2
; Sequence 2, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

```

; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-2
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Query Match          100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 LDMSWL 6
        |||||
DB      1 LDMSWL 6
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RESULT 3
US-09-847-946A-33
; Sequence 33, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-33
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Query Match          100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 LDMSWL 6
        |||||
DB      1 LDMSWL 6
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RESULT 4
US-09-847-946A-37
; Sequence 37, Application US/09847946A
; Publication No. US20030054999A1
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; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 37
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-37
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Best Local Similarity 100.0%; Pred. No. 9.5e+05;
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QY      1 LDMSWL 6
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DB      1 LDMSWL 6
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RESULT 5
US-09-847-946A-30
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; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-30
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Query Match          100.0%; Score 40; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 LDMSWL 6
        |||||
DB      3 LDMSWL 8
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RESULT 6
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US-09-847-946A-38
; Sequence 38, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 38
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-38

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Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMSWL 6
Db 1 LDMSWL 6

RESULT 7
US-09-847-946A-29
; Sequence 29, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 29
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-29

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Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMSWL 6
Db 1 LDMSWL 6

RESULT 8
US-09-847-946A-32
; Sequence 32, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 32
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-32

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMSWL 6
Db 1 LDMSWL 6

RESULT 9
US-09-847-946A-35
; Sequence 35, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 35
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-35

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDMSWL 6
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Db 3 LDMSWL 8

RESULT 10

US-09-847-946A-36
; Sequence 36, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 36
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-36

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDMSWL 6
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Db 2 LDMSWL 7

RESULT 11

US-09-847-946A-31
; Sequence 31, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 31
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-31

Query Match 100.0%; Score 40; DB 10; Length 10;

Best Local Similarity 100.0%; Pred. No. 25;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 1 LDMSWL 6
|||
Db 2 LDMSWL 7

RESULT 12

US-09-847-946A-34
; Sequence 34, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 34
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-34

Query Match 100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 25;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDMSWL 6
|||
Db 3 LDMSWL 8

RESULT 13

US-09-847-946A-28
; Sequence 28, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 28
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-28

Query Match 100.0%; Score 40; DB 10; Length 11;

US-09-847-946A-28

Query Match 100.0%; Score 40; DB 10; Length 11;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSWL 6
DB 3 LDMSWL 8

RESULT 14

US-09-847-946A-132
; Sequence 132, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gertraud
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 132
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial
; OTHER INFORMATION: Sequence:anti-inflammatory compound
US-09-847-946A-132

Query Match 100.0%; Score 40; DB 10; Length 11;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSWL 6
DB 3 LDMSWL 8

RESULT 15

US-09-847-946A-140
; Sequence 140, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gertraud
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 140
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial
; OTHER INFORMATION: Sequence:anti-inflammatory compound
US-09-847-946A-140

Query Match 100.0%; Score 40; DB 10; Length 11;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSWL 6
DB 3 LDMSWL 8

Search completed: March 17, 2004, 18:45:23
Job time : 31.6711 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-3
Perfect score: 26
Sequence: 1 LDASAL 6

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	26	100.0	6	10	US-09-847-946A-3
3	26	100.0	28	9	US-09-847-940B-19
4	26	100.0	28	10	US-09-847-946A-19
5	26	100.0	75	12	US-10-424-599-217924
6	26	100.0	191	14	US-10-156-761-8434
7	26	100.0	191	14	US-10-156-761-1332
8	26	100.0	191	14	US-10-156-761-1333
9	26	100.0	191	14	US-10-156-761-1333
10	26	100.0	240	9	US-09-738-626-4338
11	26	100.0	318	12	US-10-425-114-68842
12	26	100.0	374	15	US-10-104-047-3578
13	26	100.0	550	12	US-10-282-122A-62833
14	26	100.0	550	12	US-10-282-122A-64523
15	26	100.0	552	12	US-10-282-122A-67705

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US-09-847-940B-3	26	100.0	26	100.0	26	100.0	26	100.0	26	100.0	26	100.0	26	100.0	26	100.0	26	100.0	26	100.0	26	100.0	26	100.0	26	100.0	26	100.0	26	100.0	26	100.0
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GENERAL INFORMATION:	Sequence 106, App	Sequence 18, Appl	Sequence 8, Appl	Sequence 3501, Ap	Sequence 4761, Ap	Sequence 104, App	Sequence 70963, A	Sequence 77188, A	Sequence 22729, A	Sequence 107, App	Sequence 35, Appl	Sequence 106, App	Sequence 244080, Sequence 565, App	Sequence 11481, A	Sequence 9612, Ap	Sequence 187, App	Sequence 13, Appl	Sequence 29, Appl	Sequence 31, Appl	Sequence 43, Appl	Sequence 7, Appl	Sequence 3, Appl	Sequence 33, Appl	Sequence 45, Appl								

ALIGNMENTS

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RESULT 1
US-09-847-940B-3
Sequence 3, Appl1
Patent No. US20020156000A1
GENERAL INFORMATION:
APPLICANT: May, Michael J.
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-117CP
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
US-09-847-940B-3

Query Match      100.0%; Score 26; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDASAL 6
Db 1 LDASAL 6

RESULT 2
US-09-847-946A-3
Sequence 3, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
```

```

; APPLICANT: Ghosh, Sankar
; APPLICANT: Pindels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hennig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-3

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Query Match          100.0%; Score 26; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9,5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 LDASAL 6
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Db       1 LDASAL 6

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RESULT 3
; Sequence 19, Application US/09847940B
; Patent No. US2002015600A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptides
US-09-847-940B-19

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Query Match          100.0%; Score 26; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 LDASAL 6
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Db       20 LDASAL 25

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RESULT 4
US-09-847-946A-19
; Sequence 19, Application US/09847946A
; Publication No. US2003005499A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Pindels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hennig, Gerhard

```

```

; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-19

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Query Match          100.0%; Score 26; DB 10; Length 28;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 LDASAL 6
        |||||
Db       20 LDASAL 25

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RESULT 5
; Sequence 217924, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J
; APPLICANT: Kovacic, David K
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 217924
; LENGTH: 75
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_38812C.1.pcp
US-10-424-599-217924

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Best Local Similarity 100.0%; Pred. No. 76;
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Db       18 LDASAL 23

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RESULT 6
US-10-156-761-8434
; Sequence 8434, Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
; APPLICANT: OMTA, SATOSHI
; APPLICANT: IKEDA, HARUO
; APPLICANT: ISHIKAWA, JUN
; APPLICANT: HORIKAWA, HIROSHI
; APPLICANT: SHIBA, TADAYOSHI
; APPLICANT: SAKAKI, YOSHIYUKI
; APPLICANT: HATTORI, MASAHIRA
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 249-262

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;; CURRENT APPLICATION NUMBER: US/10/156,761
;; PRIOR FILING DATE: 2002-05-29
;; PRIOR APPLICATION NUMBER: JP 2001-204089
;; PRIOR FILING DATE: 2001-05-30
;; PRIOR APPLICATION NUMBER: JP 2001-272697
;; PRIOR FILING DATE: 2001-08-02
;; NUMBER OF SEQ ID NOS: 15109
;; SEQ ID NO 8434
;; LENGTH: 191
;; TYPE: PRT
;; ORGANISM: Streptomyces avermitilis
US-10-156-761-8434
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 LDASAL 6
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DB 41 LDASAL 46

```
RESULT 7
US-10-156-761-13332
;; Sequence 13332, Application US/10156761
;; Publication No. US20030119018A1
;; GENERAL INFORMATION:
;; APPLICANT: OMURA, SATOSHI
;; APPLICANT: IKEDA, HARUO
;; APPLICANT: ISHIKAWA, JUN
;; APPLICANT: HORIKAWA, HIROSHI
;; APPLICANT: SHIBA, TADAYOSHI
;; APPLICANT: SAKAKI, YOSHIYUKI
;; APPLICANT: HATTORI, MASAHIRA
;; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
;; FILE REFERENCE: 249-262
;; CURRENT APPLICATION NUMBER: US/10/156,761
;; PRIOR FILING DATE: 2002-05-29
;; PRIOR APPLICATION NUMBER: JP 2001-204089
;; PRIOR FILING DATE: 2001-05-30
;; PRIOR APPLICATION NUMBER: JP 2001-272697
;; PRIOR FILING DATE: 2001-08-02
;; NUMBER OF SEQ ID NOS: 15109
;; SEQ ID NO 13332
;; LENGTH: 191
;; TYPE: PRT
;; ORGANISM: Streptomyces avermitilis
US-10-156-761-13332
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 LDASAL 6
|||||
DB 41 LDASAL 46

```
RESULT 8
US-10-156-761-13333
;; Sequence 13333, Application US/10156761
;; Publication No. US20030119018A1
;; GENERAL INFORMATION:
;; APPLICANT: OMURA, SATOSHI
;; APPLICANT: IKEDA, HARUO
;; APPLICANT: ISHIKAWA, JUN
;; APPLICANT: HORIKAWA, HIROSHI
;; APPLICANT: SHIBA, TADAYOSHI
;; APPLICANT: SAKAKI, YOSHIYUKI
;; APPLICANT: HATTORI, MASAHIRA
;; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
;; FILE REFERENCE: 249-262
;; CURRENT APPLICATION NUMBER: US/10/156,761
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;; CURRENT FILING DATE: 2002-05-29
;; PRIOR APPLICATION NUMBER: JP 2001-204089
;; PRIOR FILING DATE: 2001-05-30
;; PRIOR APPLICATION NUMBER: JP 2001-272697
;; PRIOR FILING DATE: 2001-08-02
;; NUMBER OF SEQ ID NOS: 15109
;; SEQ ID NO 13333
;; LENGTH: 191
;; TYPE: PRT
;; ORGANISM: Streptomyces avermitilis
US-10-156-761-13333
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 LDASAL 6
|||||
DB 41 LDASAL 46

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RESULT 9
US-10-156-761-14915
;; Sequence 14915, Application US/10156761
;; Publication No. US20030119018A1
;; GENERAL INFORMATION:
;; APPLICANT: OMURA, SATOSHI
;; APPLICANT: IKEDA, HARUO
;; APPLICANT: ISHIKAWA, JUN
;; APPLICANT: HORIKAWA, HIROSHI
;; APPLICANT: SHIBA, TADAYOSHI
;; APPLICANT: SAKAKI, YOSHIYUKI
;; APPLICANT: HATTORI, MASAHIRA
;; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
;; FILE REFERENCE: 249-262
;; CURRENT APPLICATION NUMBER: US/10/156,761
;; PRIOR FILING DATE: 2002-05-29
;; PRIOR APPLICATION NUMBER: JP 2001-204089
;; PRIOR FILING DATE: 2001-05-30
;; PRIOR APPLICATION NUMBER: JP 2001-272697
;; PRIOR FILING DATE: 2001-08-02
;; NUMBER OF SEQ ID NOS: 15109
;; SEQ ID NO 14915
;; LENGTH: 191
;; TYPE: PRT
;; ORGANISM: Streptomyces avermitilis
US-10-156-761-14915
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Query Match          100.0%; Score 26; DB 14; Length 191;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 LDASAL 6
|||||
DB 41 LDASAL 46

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RESULT 10
US-09-738-626-4338
;; Sequence 4338, Application US/09738626
;; Publication No. US20020197605A1
;; GENERAL INFORMATION:
;; APPLICANT: NAKAGAWA, SATOSHI
;; APPLICANT: MIZOGUCHI, HIROSHI
;; APPLICANT: ANDO, SEIKO
;; APPLICANT: HAYASHI, MIKIRO
;; APPLICANT: OCHIAI, KEIKO
;; APPLICANT: YOKOI, HARUHIKO
;; APPLICANT: TATEISHI, NAOKO
;; APPLICANT: SENOH, AKIHITO
;; APPLICANT: IKEDA, MASATO
;; APPLICANT: OZAKI, AKIO
;; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
```

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; FILE REFERENCE: 249-125
; CURRENT APPLICATION NUMBER: US/09/738, 626
; CURRENT FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: JP 99/377484
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: JP 00/159162
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: JP 00/280988
; PRIOR FILING DATE: 2000-08-03
; NUMBER OF SEQ ID NOS: 7059
; SOFTWARE: PatentIn ver. 3.0
; SEQ ID NO 4338
; LENGTH: 240
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-09-738-626-4338

Query Match
Best Local Similarity 100.0%; Score 26; DB 9; Length 240;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDASAL 6
Db 70 LDASAL 75

RESULT 11
US-10-425-114-68842
; Sequence 68842, Application US/10425114
; Publication No. US2004003488A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jindong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E.
; APPLICANT: Tabaska, Jack E.
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 68842
; LENGTH: 318
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: UC-ZMFLMO17399808_FLI.pap
US-10-425-114-68842

Query Match
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Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDASAL 6
Db 193 LDASAL 198

RESULT 12
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; Sequence 3578, Application US/10104047
; Publication No. US20030236392A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20030236392A1el full length cDNA
; FILE REFERENCE: H1-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096

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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3578
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-104-047-3578

Query Match
Best Local Similarity 100.0%; Score 26; DB 15; Length 374;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDASAL 6
Db 287 LDASAL 292

RESULT 13
US-10-282-122A-62833
; Sequence 62833, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Karl
; APPLICANT: Zykkind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: EPII.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 62833
; LENGTH: 550
; TYPE: PRT
; ORGANISM: Mycobacterium bovis
US-10-282-122A-62833

Query Match
Best Local Similarity 100.0%; Score 26; DB 12; Length 550;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDASAL 6
Db 23 LDASAL 28

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RESULT 14
US-10-282-122A-64523
/ Sequence 64523, Application US/10282122A
/ Publication No. US20040029129A1
/ GENERAL INFORMATION:
/ APPLICANT: Wang, Liangau
/ APPLICANT: Zamudio, Carlos
/ APPLICANT: Malone, Cheryl
/ APPLICANT: Haselbeck, Robert
/ APPLICANT: Ohlsen, Kari
/ APPLICANT: Zyskind, Judith
/ APPLICANT: Wall, Daniel
/ APPLICANT: Trawick, John
/ APPLICANT: Carr, Grant
/ APPLICANT: Yamamoto, Robert
/ APPLICANT: Foreyth, R.
/ APPLICANT: Xu, H.
/ TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
/ FILE REFERENCE: ELITRA.034A
/ CURRENT APPLICATION NUMBER: US/10/282,122A
/ CURRENT FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: 60/191,078
/ PRIOR FILING DATE: 2000-03-21
/ PRIOR APPLICATION NUMBER: 60/206,848
/ PRIOR FILING DATE: 2000-05-23
/ PRIOR APPLICATION NUMBER: 60/207,727
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: 60/230,335
/ PRIOR FILING DATE: 2000-09-06
/ PRIOR APPLICATION NUMBER: 60/230,347
/ PRIOR FILING DATE: 2000-09-09
/ PRIOR APPLICATION NUMBER: 60/242,578
/ PRIOR FILING DATE: 2000-10-23
/ PRIOR APPLICATION NUMBER: 60/253,625
/ PRIOR FILING DATE: 2000-11-27
/ PRIOR APPLICATION NUMBER: 60/257,931
/ PRIOR FILING DATE: 2000-12-22
/ PRIOR APPLICATION NUMBER: 60/267,636
/ PRIOR FILING DATE: 2001-02-09
/ PRIOR APPLICATION NUMBER: 60/269,308
/ PRIOR FILING DATE: 2001-02-16
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 78614
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO: 64523
/ LENGTH: 550
/ TYPE: PR1
/ ORGANISM: Mycobacterium tuberculosis
US-10-282-122A-64523

Query Match          100.0%; Score 26; DB 12; Length 550;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LDASAL 6
DB      23 LDASAL 28

RESULT 15
US-10-282-122A-67705
/ Sequence 67705, Application US/10282122A
/ Publication No. US20040029129A1
/ GENERAL INFORMATION:
/ APPLICANT: Wang, Liangau
/ APPLICANT: Zamudio, Carlos
/ APPLICANT: Malone, Cheryl
/ APPLICANT: Haselbeck, Robert
/ APPLICANT: Ohlsen, Kari
/ APPLICANT: Zyskind, Judith
/ APPLICANT: Wall, Daniel

```

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/ APPLICANT: Trawick, John
/ APPLICANT: Carr, Grant
/ APPLICANT: Yamamoto, Robert
/ APPLICANT: Foreyth, R.
/ APPLICANT: Xu, H.
/ TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
/ FILE REFERENCE: ELITRA.034A
/ CURRENT APPLICATION NUMBER: US/10/282,122A
/ CURRENT FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: 60/191,078
/ PRIOR FILING DATE: 2000-03-21
/ PRIOR APPLICATION NUMBER: 60/206,848
/ PRIOR FILING DATE: 2000-05-23
/ PRIOR APPLICATION NUMBER: 60/207,727
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: 60/230,335
/ PRIOR FILING DATE: 2000-09-06
/ PRIOR APPLICATION NUMBER: 60/230,347
/ PRIOR FILING DATE: 2000-09-09
/ PRIOR APPLICATION NUMBER: 60/242,578
/ PRIOR FILING DATE: 2000-10-23
/ PRIOR APPLICATION NUMBER: 60/253,625
/ PRIOR FILING DATE: 2000-11-27
/ PRIOR APPLICATION NUMBER: 60/257,931
/ PRIOR FILING DATE: 2000-12-22
/ PRIOR APPLICATION NUMBER: 60/267,636
/ PRIOR FILING DATE: 2001-02-09
/ PRIOR APPLICATION NUMBER: 60/269,308
/ PRIOR FILING DATE: 2001-02-16
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 78614
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO: 67705
/ LENGTH: 552
/ TYPE: PR1
/ ORGANISM: Pseudomonas putida
US-10-282-122A-67705

Query Match          100.0%; Score 26; DB 12; Length 552;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LDASAL 6
DB      320 LDASAL 325

Search completed: March 17, 2004, 18:45:24
Job time : 22.6711 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-4

Perfect score: 40

Sequence: 1 ADMSWL 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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18: /cgnt2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	40	100.0	6	9	US-09-847-940B-4
2	40	100.0	6	10	US-09-847-946A-4
3	40	100.0	6	10	US-09-847-946A-39
4	40	100.0	6	10	US-09-847-946A-51
5	40	100.0	6	10	US-09-847-946A-55
6	40	100.0	6	10	US-09-847-946A-48
7	40	100.0	6	10	US-09-847-946A-56
8	40	100.0	6	10	US-09-847-946A-47
9	40	100.0	6	10	US-09-847-946A-50
10	40	100.0	6	10	US-09-847-946A-53
11	40	100.0	6	10	US-09-847-946A-49
12	40	100.0	6	10	US-09-847-946A-52
13	40	100.0	6	10	US-09-847-946A-46
14	40	100.0	6	10	US-09-847-946A-52
15	40	100.0	6	10	US-10-171-311-234

16	38	95.0	312	14	US-10-306-762-23	Sequence 23, Appl
17	38	95.0	605	14	US-10-156-761-9070	Sequence 9070, Ap
18	36	90.0	6	9	US-09-847-940B-2	Sequence 2, Appl1
19	36	90.0	6	10	US-09-847-946A-2	Sequence 2, Appl1
20	36	90.0	6	10	US-09-847-946A-33	Sequence 33, Appl
21	36	90.0	6	10	US-09-847-946A-41	Sequence 41, Appl
22	36	90.0	6	10	US-09-847-946A-73	Sequence 73, Appl
23	36	90.0	7	10	US-09-847-946A-37	Sequence 37, Appl
24	36	90.0	7	10	US-09-847-946A-77	Sequence 77, Appl
25	36	90.0	8	10	US-09-847-946A-30	Sequence 30, Appl
26	36	90.0	8	10	US-09-847-946A-38	Sequence 38, Appl
27	36	90.0	8	10	US-09-847-946A-70	Sequence 70, Appl
28	36	90.0	8	10	US-09-847-946A-78	Sequence 78, Appl
29	36	90.0	9	10	US-09-847-946A-29	Sequence 29, Appl
30	36	90.0	9	10	US-09-847-946A-32	Sequence 32, Appl
31	36	90.0	9	10	US-09-847-946A-35	Sequence 35, Appl
32	36	90.0	9	10	US-09-847-946A-36	Sequence 36, Appl
33	36	90.0	9	10	US-09-847-946A-69	Sequence 69, Appl
34	36	90.0	9	10	US-09-847-946A-72	Sequence 72, Appl
35	36	90.0	9	10	US-09-847-946A-75	Sequence 75, Appl
36	36	90.0	9	10	US-09-847-946A-76	Sequence 76, Appl
37	36	90.0	10	10	US-09-847-946A-31	Sequence 31, Appl
38	36	90.0	10	10	US-09-847-946A-34	Sequence 34, Appl
39	36	90.0	10	10	US-09-847-946A-71	Sequence 71, Appl
40	36	90.0	10	10	US-09-847-946A-74	Sequence 74, Appl
41	36	90.0	11	10	US-09-847-946A-28	Sequence 28, Appl
42	36	90.0	11	10	US-09-847-946A-68	Sequence 68, Appl
43	36	90.0	11	10	US-09-847-946A-132	Sequence 132, App
44	36	90.0	11	10	US-09-847-946A-140	Sequence 140, App
45	36	90.0	13	10	US-09-847-946A-143	Sequence 143, App

ALIGNMENTS

RESULT 1
US-09-847-940B-4
; Sequence 4, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-117CP
; CURRENT APPLICATION NUMBER: US/09/847, 940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
US-09-847-940B-4

Query Match 100.0%; Score 40; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ADMSWL 6
DB 1 ADMSWL 6
RESULT 2
US-09-847-946A-4
; Sequence 4, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

```

; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-4
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Query Match          100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 ADMSWL 6
        |||||
Db      1 ADMSWL 6
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RESULT 3
US-09-847-946A-39
; Sequence 39, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Phillips, Kathryn
; APPLICANT: Findeis, Mark A
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 39
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-39
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Query Match          100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 ADMSWL 6
        |||||
Db      1 ADMSWL 6
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RESULT 4
US-09-847-946A-51
; Sequence 51, Application US/09847946A
; Publication No. US20030054999A1
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; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 51
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-51
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Query Match          100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 ADMSWL 6
        |||||
Db      1 ADMSWL 6
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```

RESULT 5
US-09-847-946A-55
; Sequence 55, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 55
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-55
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Query Match          100.0%; Score 40; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 ADMSWL 6
        |||||
Db      1 ADMSWL 6
```

```

RESULT 6
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US-09-847-946A-48

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; Sequence 48, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-48
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Query Match 100.0%; Score 40; DB 10; Length 8;

Best Local Similarity 100.0%; Pred. No. 9.5e+05; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADMSWL 6

Db 3 ADMSWL 8

RESULT 7

```
US-09-847-946A-56
; Sequence 56, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 56
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-56
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Query Match 100.0%; Score 40; DB 10; Length 8;

Best Local Similarity 100.0%; Pred. No. 9.5e+05; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADMSWL 6

Db 1 ADMSWL 6

RESULT 8

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US-09-847-946A-47
; Sequence 47, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-47
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Query Match 100.0%; Score 40; DB 10; Length 9;

Best Local Similarity 100.0%; Pred. No. 9.5e+05; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADMSWL 6

Db 1 ADMSWL 6

RESULT 9

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US-09-847-946A-50
; Sequence 50, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 50
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-50
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Query Match 100.0%; Score 40; DB 10; Length 9;

Best Local Similarity 100.0%; Pred. No. 9.5e+05; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 ADMSWL 6
| | | | |
Db 1 ADMSWL 6

RESULT 10

US-09-847-946A-53
; Sequence 53, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO: 53
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-53

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Indels 0; Gaps 0;
Oy 1 ADMSWL 6
| | | | |
Db 3 ADMSWL 8

RESULT 11

US-09-847-946A-54
; Sequence 54, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO: 54
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-54

Query Match 100.0%; Score 40; DB 10; Length 9;

Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 1 ADMSWL 6
| | | | |
Db 2 ADMSWL 7

RESULT 12

US-09-847-946A-49
; Sequence 49, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO: 49
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-49

Query Match 100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 21;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 1 ADMSWL 6
| | | | |
Db 2 ADMSWL 7

RESULT 13

US-09-847-946A-52
; Sequence 52, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO: 52
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence

US-09-847-946A-52

Query Match 100.0%; Score 40; DB 10; Length 10;
 Best Local Similarity 100.0%; Pred. No. 21;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ADMSWL 6
 Db 3 ADMSWL 8

RESULT 14

US-09-847-946A-46
 ; Sequence 46, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Choosh, Sankar
 ; APPLICANT: Rindels, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 46
 ; LENGTH: 11
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-46

Query Match 100.0%; Score 40; DB 10; Length 11;
 Best Local Similarity 100.0%; Pred. No. 23;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ADMSWL 6
 Db 3 ADMSWL 8

RESULT 15

US-10-171-311-234
 ; Sequence 234, Application US/10171311
 ; Publication No. US20030087270A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Schlegel, Robert
 ; APPLICANT: Chen, Yan
 ; APPLICANT: Zhao, Xumei
 ; APPLICANT: Monahan, John
 ; APPLICANT: Kamackar, Shubhangi
 ; APPLICANT: Glatz, Karen
 ; APPLICANT: Ganavarapu, Manjula
 ; APPLICANT: Hoerth, Sebastian
 ; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
 ; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY
 ; FILE REFERENCE: MRI-035
 ; CURRENT APPLICATION NUMBER: US/10/171,311
 ; CURRENT FILING DATE: 2002-06-12
 ; PRIOR APPLICATION NUMBER: US 60/298,159
 ; PRIOR FILING DATE: 2001-06-13
 ; PRIOR APPLICATION NUMBER: US 60/298,155
 ; PRIOR FILING DATE: 2001-06-13
 ; PRIOR APPLICATION NUMBER: US 60/335,936

; PRIOR FILING DATE: 2001-11-14
 ; NUMBER OF SEQ ID NOS: 238
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 234
 ; LENGTH: 501
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-171-311-234

Query Match 100.0%; Score 40; DB 14; Length 501;
 Best Local Similarity 100.0%; Pred. No. 4,2e+02;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ADMSWL 6
 Db 387 ADMSWL 392

Search completed: March 17, 2004, 18:45:24
 Job time : 21.6711 secs

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OM protein - protein search, using SW model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds

(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-5

Perfect score: 40

Sequence: 1 LDMSWA 6

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA.*
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3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
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6: /cgn2_6/ptodata/1/pubpaa/PC7US_PUBCOMB.pep.*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
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13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
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15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
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18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	ID	Description
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2	40	100.0	6	US-09-847-946A-5
3	40	100.0	6	US-09-847-946A-40
4	40	100.0	6	US-09-847-946A-62
5	40	100.0	7	US-09-847-946A-66
6	40	100.0	8	US-09-847-946A-59
7	40	100.0	8	US-09-847-946A-67
8	40	100.0	9	US-09-847-946A-58
9	40	100.0	9	US-09-847-946A-61
10	40	100.0	9	US-09-847-946A-64
11	40	100.0	9	US-09-847-946A-65
12	40	100.0	10	US-09-847-946A-57
13	40	100.0	10	US-09-847-946A-60
14	40	100.0	10	US-09-847-946A-63
15	36	90.0	6	US-09-847-940B-2

16	36	90.0	6	US-09-847-946A-2	Sequence 2, App1
17	36	90.0	6	US-09-847-946A-33	Sequence 33, App1
18	36	90.0	6	US-09-847-946A-41	Sequence 41, App1
19	36	90.0	6	US-09-847-946A-73	Sequence 73, App1
20	36	90.0	7	US-09-847-946A-37	Sequence 37, App1
21	36	90.0	7	US-09-847-946A-77	Sequence 77, App1
22	36	90.0	8	US-09-847-946A-30	Sequence 30, App1
23	36	90.0	8	US-09-847-946A-38	Sequence 38, App1
24	36	90.0	8	US-09-847-946A-70	Sequence 70, App1
25	36	90.0	8	US-09-847-946A-78	Sequence 78, App1
26	36	90.0	9	US-09-847-946A-29	Sequence 29, App1
27	36	90.0	9	US-09-847-946A-32	Sequence 32, App1
28	36	90.0	9	US-09-847-946A-35	Sequence 35, App1
29	36	90.0	9	US-09-847-946A-36	Sequence 36, App1
30	36	90.0	9	US-09-847-946A-59	Sequence 59, App1
31	36	90.0	9	US-09-847-946A-72	Sequence 72, App1
32	36	90.0	9	US-09-847-946A-75	Sequence 75, App1
33	36	90.0	9	US-09-847-946A-76	Sequence 76, App1
34	36	90.0	10	US-09-847-946A-31	Sequence 31, App1
35	36	90.0	10	US-09-847-946A-74	Sequence 74, App1
36	36	90.0	10	US-09-847-946A-71	Sequence 71, App1
37	36	90.0	10	US-09-847-946A-74	Sequence 74, App1
38	36	90.0	11	US-09-847-946A-28	Sequence 28, App1
39	36	90.0	11	US-09-847-946A-68	Sequence 68, App1
40	36	90.0	11	US-09-847-946A-132	Sequence 132, App1
41	36	90.0	11	US-09-847-946A-140	Sequence 140, App1
42	36	90.0	12	US-09-847-946A-43	Sequence 43, App1
43	36	90.0	13	US-09-847-946A-143	Sequence 143, App1
44	36	90.0	13	US-09-847-946A-144	Sequence 144, App1
45	36	90.0	13	US-09-847-946A-145	Sequence 145, App1

ALIGNMENTS

RESULT 1
US-09-847-940B-5
Sequence 5, Application US/09847940B
Patent No. US2002015600A1
GENERAL INFORMATION:
APPLICANT: May, Michael J.
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-117CP
CURRENT APPLICATION NUMBER: US/09/847,940B
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
US-09-847-940B-5

Query Match 100.0%; Score 40; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 LDMSWA 6
|||||
Db 1 LDMSWA 6
US-09-847-946A-5
Sequence 5, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J

```
APPLICANT: Ghosh, Sankar
APPLICANT: Findels, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-5
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Query Match          100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY      1 LDWSMA 6
        |||||
Db       1 LDWSMA 6
```

```
RESULT 3
US-09-847-946A-40
Sequence 40, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Findels, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 40
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-40
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```
Query Match          100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
OY      1 LDWSMA 6
        |||||
Db       1 LDWSMA 6
```

```
RESULT 4
US-09-847-946A-62
Sequence 62, Application US/09847946A
Publication No. US20030054999A1
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```
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Findels, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 62
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-62
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```
Query Match          100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      1 LDWSMA 6
        |||||
Db       1 LDWSMA 6
```

```
RESULT 5
US-09-847-946A-66
Sequence 66, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Findels, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 66
LENGTH: 7
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-66
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```
Query Match          100.0%; Score 40; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      1 LDWSMA 6
        |||||
Db       1 LDWSMA 6
```

```
RESULT 6
```

US-09-847-946A-59
Sequence 59, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar A
APPLICANT: Findeis, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 59
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NEMO binding
US-09-847-946A-59

Query Match 100.0%; Score 40; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMSWA 6
Db 3 LDMSWA 8

RESULT 7
US-09-847-946A-67
Sequence 67, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar A
APPLICANT: Findeis, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 67
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NEMO binding
US-09-847-946A-67

Query Match 100.0%; Score 40; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMSWA 6
Db 1 LDMSWA 6

RESULT 8
US-09-847-946A-58
Sequence 58, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar A
APPLICANT: Findeis, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 58
LENGTH: 9
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NEMO binding
US-09-847-946A-58

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMSWA 6
Db 1 LDMSWA 6

RESULT 9
US-09-847-946A-61
Sequence 61, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar A
APPLICANT: Findeis, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 61
LENGTH: 9
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NEMO binding
US-09-847-946A-61

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSWA 6
DB 1 LDMSWA 6

RESULT 10
US-09-847-946A-64

/ Sequence 64, Application US/09847946A
/ Publication No. US20030054999A1
/ GENERAL INFORMATION:
/ APPLICANT: May, Michael J
/ APPLICANT: Ghosh, Sankar
/ APPLICANT: Findeis, Mark A
/ APPLICANT: Phillips, Kathryn
/ APPLICANT: Hannig, Gerhard
/ TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
/ FILE REFERENCE: PPI-119
/ CURRENT APPLICATION NUMBER: US/09/847,946A
/ PRIOR APPLICATION NUMBER: 60/201,261
/ PRIOR FILING DATE: 2000-05-02
/ PRIOR APPLICATION NUMBER: 09/643,260
/ PRIOR FILING DATE: 2000-08-22
/ NUMBER OF SEQ ID NOS: 160
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 64
/ LENGTH: 9
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-64

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSWA 6
DB 3 LDMSWA 8

RESULT 11
US-09-847-946A-65

/ Sequence 65, Application US/09847946A
/ Publication No. US20030054999A1
/ GENERAL INFORMATION:
/ APPLICANT: May, Michael J
/ APPLICANT: Ghosh, Sankar
/ APPLICANT: Findeis, Mark A
/ APPLICANT: Phillips, Kathryn
/ APPLICANT: Hannig, Gerhard
/ TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
/ FILE REFERENCE: PPI-119
/ CURRENT APPLICATION NUMBER: US/09/847,946A
/ PRIOR APPLICATION NUMBER: 60/201,261
/ PRIOR FILING DATE: 2000-05-02
/ PRIOR APPLICATION NUMBER: 09/643,260
/ PRIOR FILING DATE: 2000-08-22
/ NUMBER OF SEQ ID NOS: 160
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 65
/ LENGTH: 9
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-65

Query Match 100.0%; Score 40; DB 10; Length 9;

QY 1 LDMSWA 6
DB 2 LDMSWA 7

RESULT 12
US-09-847-946A-57

/ Sequence 57, Application US/09847946A
/ Publication No. US20030054999A1
/ GENERAL INFORMATION:
/ APPLICANT: May, Michael J
/ APPLICANT: Ghosh, Sankar
/ APPLICANT: Findeis, Mark A
/ APPLICANT: Phillips, Kathryn
/ APPLICANT: Hannig, Gerhard
/ TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
/ FILE REFERENCE: PPI-119
/ CURRENT APPLICATION NUMBER: US/09/847,946A
/ PRIOR APPLICATION NUMBER: 60/201,261
/ PRIOR FILING DATE: 2000-05-02
/ PRIOR APPLICATION NUMBER: 09/643,260
/ PRIOR FILING DATE: 2000-08-22
/ NUMBER OF SEQ ID NOS: 160
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 57
/ LENGTH: 10
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-57

Query Match 100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSWA 6
DB 2 LDMSWA 7

RESULT 13
US-09-847-946A-60

/ Sequence 60, Application US/09847946A
/ Publication No. US20030054999A1
/ GENERAL INFORMATION:
/ APPLICANT: May, Michael J
/ APPLICANT: Ghosh, Sankar
/ APPLICANT: Findeis, Mark A
/ APPLICANT: Phillips, Kathryn
/ APPLICANT: Hannig, Gerhard
/ TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
/ FILE REFERENCE: PPI-119
/ CURRENT APPLICATION NUMBER: US/09/847,946A
/ PRIOR APPLICATION NUMBER: 60/201,261
/ PRIOR FILING DATE: 2000-05-02
/ PRIOR APPLICATION NUMBER: 09/643,260
/ PRIOR FILING DATE: 2000-08-22
/ NUMBER OF SEQ ID NOS: 160
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 60
/ LENGTH: 10
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-60

US-09-847-946A-60

Query Match 100.0%; Score 40; DB 10; Length 10;

Best Local Similarity 100.0%; Pred. No. 17;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;QY 1 LDMSWA 6
|||||

DB 2 LDMSWA 7

RESULT 14

US-09-847-946A-63

Sequence 63, Application US/09847946A
Publication No. US2003054999A1

GENERAL INFORMATION:

APPLICANT: May, Michael J

APPLICANT: Ghosh, Sankar

APPLICANT: Findels, Mark A

APPLICANT: Phillips, Kathryn

TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF

FILE REFERENCE: PFI-119

CURRENT APPLICATION NUMBER: US/09/847, 946A

CURRENT FILING DATE: 2001-05-02

PRIOR APPLICATION NUMBER: 60/201,261

PRIOR FILING DATE: 2000-05-02

PRIOR APPLICATION NUMBER: 09/643,260

PRIOR FILING DATE: 2000-08-22

NUMBER OF SEQ ID NOS: 160

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 63

LENGTH: 10

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Description of Artificial Sequence: NEMO binding

OTHER INFORMATION: sequence

US-09-847-946A-63

Query Match 100.0%; Score 40; DB 10; Length 10;

Best Local Similarity 100.0%; Pred. No. 17;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;QY 1 LDMSWA 6
|||||

DB 3 LDMSWA 8

RESULT 15

US-09-847-940B-2

Sequence 2, Application US/09847940B

Patent No. US2002015600A1

GENERAL INFORMATION:

APPLICANT: May, Michael J.

APPLICANT: Ghosh, Sankar

TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF

FILE REFERENCE: PFI-117CP

CURRENT APPLICATION NUMBER: US/09/847, 940B

CURRENT FILING DATE: 2001-05-02

PRIOR APPLICATION NUMBER: 09/643,260

PRIOR FILING DATE: 2000-08-22

NUMBER OF SEQ ID NOS: 27

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 2

LENGTH: 6

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Description of Artificial Sequence: NBD mutants

US-09-847-940B-2

Query Match 90.0%; Score 36; DB 9; Length 6;

Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;QY 1 LDMSW 5
|||||

DB 1 LDMSW 5

Search completed: March 17, 2004, 18:45:24
Job time: 21.6711 secs

GenCore version 5.1.6
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OM protein - protein search, using BW model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-6
Perfect score: 40
Sequence: 1 ADMSWA 6

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications_AA.*
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9: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
10: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
11: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
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15: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep.*
16: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep.*
17: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	40	100.0	6	US-09-847-946A-41 Sequence 41, Appl
2	40	100.0	6	US-09-847-946A-73 Sequence 73, Appl
3	40	100.0	7	US-09-847-946A-77 Sequence 77, Appl
4	40	100.0	8	US-09-847-946A-70 Sequence 70, Appl
5	40	100.0	8	US-09-847-946A-78 Sequence 78, Appl
6	40	100.0	9	US-09-847-946A-69 Sequence 69, Appl
7	40	100.0	9	US-09-847-946A-72 Sequence 72, Appl
8	40	100.0	9	US-09-847-946A-75 Sequence 75, Appl
9	40	100.0	9	US-09-847-946A-76 Sequence 76, Appl
10	40	100.0	10	US-09-847-946A-71 Sequence 71, Appl
11	40	100.0	10	US-09-847-946A-74 Sequence 74, Appl
12	40	100.0	11	US-10-441-636-17 Sequence 17, Appl
13	37	92.5	236	US-09-815-242-5090 Sequence 17, Appl
14	37	92.5	885	US-09-815-242-5090 Sequence 5090, Ap
15	37	92.5	885	US-10-282-122A-43572 Sequence 43572, A

16	36	90.0	6	US-09-847-940B-4 Sequence 4, Appl1
17	36	90.0	6	US-09-847-940B-5 Sequence 5, Appl1
18	36	90.0	6	US-09-847-946A-4 Sequence 4, Appl1
19	36	90.0	6	US-09-847-946A-5 Sequence 5, Appl1
20	36	90.0	6	US-09-847-946A-39 Sequence 39, Appl
21	36	90.0	6	US-09-847-946A-40 Sequence 40, Appl
22	36	90.0	6	US-09-847-946A-51 Sequence 51, Appl
23	36	90.0	6	US-09-847-946A-62 Sequence 62, Appl
24	36	90.0	7	US-09-847-946A-55 Sequence 55, Appl
25	36	90.0	7	US-09-847-946A-66 Sequence 66, Appl
26	36	90.0	8	US-09-847-946A-48 Sequence 48, Appl
27	36	90.0	8	US-09-847-946A-56 Sequence 56, Appl
28	36	90.0	8	US-09-847-946A-59 Sequence 59, Appl
29	36	90.0	8	US-09-847-946A-67 Sequence 67, Appl
30	36	90.0	9	US-09-847-946A-47 Sequence 47, Appl
31	36	90.0	9	US-09-847-946A-50 Sequence 50, Appl
32	36	90.0	9	US-09-847-946A-53 Sequence 53, Appl
33	36	90.0	9	US-09-847-946A-54 Sequence 54, Appl
34	36	90.0	9	US-09-847-946A-58 Sequence 58, Appl
35	36	90.0	9	US-09-847-946A-61 Sequence 61, Appl
36	36	90.0	9	US-09-847-946A-64 Sequence 64, Appl
37	36	90.0	9	US-09-847-946A-65 Sequence 65, Appl
38	36	90.0	10	US-09-847-946A-49 Sequence 49, Appl
39	36	90.0	10	US-09-847-946A-52 Sequence 52, Appl
40	36	90.0	10	US-09-847-946A-57 Sequence 57, Appl
41	36	90.0	10	US-09-847-946A-60 Sequence 60, Appl
42	36	90.0	10	US-09-847-946A-63 Sequence 63, Appl
43	36	90.0	11	US-09-847-946A-46 Sequence 46, Appl
44	36	90.0	147	US-10-424-599-199085 Sequence 199085
45	36	90.0	173	US-10-156-761-15045 Sequence 15045, A

ALIGNMENTS

RESULT 1
US-09-847-946A-41
Sequence 41, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Firdels, Mark A
APPLICANT: Phillips, Kathryn
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 41
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: MEMO binding
US-09-847-946A-41
Query Match 100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1 ADMSWA 6
Db 1 ADMSWA 6

RESULT 2

US-09-847-946A-73
 : Sequence 73, Application US/09847946A
 : Publication No. US20030054999A1
 : GENERAL INFORMATION:
 : APPLICANT: May, Michael J
 : APPLICANT: Ghosh, Sankar
 : APPLICANT: Firdels, Mark A
 : APPLICANT: Phillips, Kathryn
 : APPLICANT: Hannig, Gerhard
 : TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 : FILE REFERENCE: PPI-119
 : CURRENT APPLICATION NUMBER: US/09/847,946A
 : CURRENT FILING DATE: 2001-05-02
 : PRIOR APPLICATION NUMBER: 60/201,261
 : PRIOR FILING DATE: 2000-05-02
 : PRIOR APPLICATION NUMBER: 09/643,260
 : PRIOR FILING DATE: 2000-08-22
 : NUMBER OF SEQ ID NOS: 160
 : SOFTWARE: PatentIn Ver. 2.0
 : SEQ ID NO 73
 : LENGTH: 6
 : TYPE: PRT
 : ORGANISM: Artificial Sequence
 : FEATURE:
 : OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 : OTHER INFORMATION: sequence
 US-09-847-946A-73

Query Match 100.0%; Score 40; DB 10; Length 6;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADMSMA 6
 |||||
 Db 1 ADMSMA 6

RESULT 3

US-09-847-946A-77
 : Sequence 77, Application US/09847946A
 : Publication No. US20030054999A1
 : GENERAL INFORMATION:
 : APPLICANT: May, Michael J
 : APPLICANT: Ghosh, Sankar
 : APPLICANT: Firdels, Mark A
 : APPLICANT: Phillips, Kathryn
 : APPLICANT: Hannig, Gerhard
 : TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 : FILE REFERENCE: PPI-119
 : CURRENT APPLICATION NUMBER: US/09/847,946A
 : CURRENT FILING DATE: 2001-05-02
 : PRIOR APPLICATION NUMBER: 60/201,261
 : PRIOR FILING DATE: 2000-05-02
 : PRIOR APPLICATION NUMBER: 09/643,260
 : PRIOR FILING DATE: 2000-08-22
 : NUMBER OF SEQ ID NOS: 160
 : SOFTWARE: PatentIn Ver. 2.0
 : SEQ ID NO 77
 : LENGTH: 7
 : TYPE: PRT
 : ORGANISM: Artificial Sequence
 : FEATURE:
 : OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 : OTHER INFORMATION: sequence
 US-09-847-946A-77

Query Match 100.0%; Score 40; DB 10; Length 7;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADMSMA 6
 |||||

Db 1 ADMSMA 6

RESULT 4

US-09-847-946A-70
 : Sequence 70, Application US/09847946A
 : Publication No. US20030054999A1
 : GENERAL INFORMATION:
 : APPLICANT: May, Michael J
 : APPLICANT: Ghosh, Sankar
 : APPLICANT: Firdels, Mark A
 : APPLICANT: Phillips, Kathryn
 : APPLICANT: Hannig, Gerhard
 : TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 : FILE REFERENCE: PPI-119
 : CURRENT APPLICATION NUMBER: US/09/847,946A
 : CURRENT FILING DATE: 2001-05-02
 : PRIOR APPLICATION NUMBER: 60/201,261
 : PRIOR FILING DATE: 2000-05-02
 : PRIOR APPLICATION NUMBER: 09/643,260
 : PRIOR FILING DATE: 2000-08-22
 : NUMBER OF SEQ ID NOS: 160
 : SOFTWARE: PatentIn Ver. 2.0
 : SEQ ID NO 70
 : LENGTH: 8
 : TYPE: PRT
 : ORGANISM: Artificial Sequence
 : FEATURE:
 : OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 : OTHER INFORMATION: sequence
 US-09-847-946A-70

Query Match 100.0%; Score 40; DB 10; Length 8;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADMSMA 6
 |||||
 Db 3 ADMSMA 8

RESULT 5

US-09-847-946A-78
 : Sequence 78, Application US/09847946A
 : Publication No. US20030054999A1
 : GENERAL INFORMATION:
 : APPLICANT: May, Michael J
 : APPLICANT: Ghosh, Sankar
 : APPLICANT: Firdels, Mark A
 : APPLICANT: Phillips, Kathryn
 : APPLICANT: Hannig, Gerhard
 : TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 : FILE REFERENCE: PPI-119
 : CURRENT APPLICATION NUMBER: US/09/847,946A
 : CURRENT FILING DATE: 2001-05-02
 : PRIOR APPLICATION NUMBER: 60/201,261
 : PRIOR FILING DATE: 2000-05-02
 : PRIOR APPLICATION NUMBER: 09/643,260
 : PRIOR FILING DATE: 2000-08-22
 : NUMBER OF SEQ ID NOS: 160
 : SOFTWARE: PatentIn Ver. 2.0
 : SEQ ID NO 78
 : LENGTH: 8
 : TYPE: PRT
 : ORGANISM: Artificial Sequence
 : FEATURE:
 : OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 : OTHER INFORMATION: sequence
 US-09-847-946A-78

Query Match 100.0%; Score 40; DB 10; Length 8;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADMSWA 6
Db 1 ADMSWA 6

RESULT 6

US-09-847-946A-69
Sequence 69, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Phillips, Mark A
APPLICANT: Hannig, Kathryn
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 69
LENGTH: 9
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-69

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADMSWA 6
Db 1 ADMSWA 6

RESULT 7

US-09-847-946A-72
Sequence 72, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Phillips, Mark A
APPLICANT: Hannig, Kathryn
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 72
LENGTH: 9
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-72

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADMSWA 6
Db 1 ADMSWA 6

RESULT 8

US-09-847-946A-75
Sequence 75, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Phillips, Mark A
APPLICANT: Hannig, Kathryn
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 75
LENGTH: 9
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-75

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADMSWA 6
Db 3 ADMSWA 8

RESULT 9

US-09-847-946A-76
Sequence 76, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Phillips, Mark A
APPLICANT: Hannig, Kathryn
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 76
LENGTH: 9
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

OTHER INFORMATION: sequence
US-09-847-946A-76

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ADMSWA 6
DB 2 ADMSWA 7

RESULT 10

US-09-847-946A-71
; Sequence 71, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 71
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-71

Query Match 100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ADMSWA 6
DB 2 ADMSWA 7

RESULT 11

US-09-847-946A-74
; Sequence 74, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 74
; LENGTH: 10
; TYPE: PRT

ORGANISM: Artificial Sequence
FEATURE: Description of Artificial Sequence:NEMO binding
OTHER INFORMATION: sequence
US-09-847-946A-74

Query Match 100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ADMSWA 6
DB 3 ADMSWA 8

RESULT 12

US-09-847-946A-68
; Sequence 68, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 68
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-68

Query Match 100.0%; Score 40; DB 10; Length 11;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ADMSWA 6
DB 3 ADMSWA 8

RESULT 13

US-10-441-626-17
; Sequence 17, Application US/10441626
; Publication No. US20030186418A1
; GENERAL INFORMATION:
; APPLICANT: Gualfetti, Peter
; APPLICANT: Mitcheson, Colin
; APPLICANT: Phillips, Jay Ian
; TITLE OF INVENTION: No. US20030186418A1 Variant EGI11-like Cellulase
; FILE REFERENCE: CG631
; CURRENT APPLICATION NUMBER: US/10/441,626
; PRIOR FILING DATE: 2003-05-19
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 236
; TYPE: PRT
; ORGANISM: Glaciadium roseum (3)
US-10-441-626-17

Query Match 92.5%; Score 37; DB 14; Length 236;
 Best Local Similarity 83.3%; Pred. No. 4.7e+02;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 ADMWA 6
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 Db 63 ADMWA 68

RESULT 14

US-09-815-242-5090
 ; Sequence 5090, Application US/09815242
 ; Patent No. US20020061569A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Haselbeck, Robert
 ; APPLICANT: Ohlsen, Karl L.
 ; APPLICANT: Zyskind, Judith W.
 ; APPLICANT: Wall, Daniel
 ; APPLICANT: Trawick, John D.
 ; APPLICANT: Carr, Grant J.
 ; APPLICANT: Yamamoto, Robert T.
 ; APPLICANT: Xu, H. Howard
 ; TITLE OF INVENTION: Identification of Essential Genes in
 ; FILE REFERENCE: ELITRA.011A
 ; CURRENT APPLICATION NUMBER: US/09/815,242
 ; CURRENT FILING DATE: 2001-03-21
 ; PRIOR APPLICATION NUMBER: 60/191,078
 ; PRIOR FILING DATE: 2000-03-21
 ; PRIOR APPLICATION NUMBER: 60/206,848
 ; PRIOR FILING DATE: 2000-05-23
 ; PRIOR APPLICATION NUMBER: 60/207,727
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: 60/242,578
 ; PRIOR FILING DATE: 2000-10-23
 ; PRIOR APPLICATION NUMBER: 60/253,625
 ; PRIOR FILING DATE: 2000-11-27
 ; PRIOR APPLICATION NUMBER: 60/257,931
 ; PRIOR FILING DATE: 2000-12-22
 ; PRIOR APPLICATION NUMBER: 60/269,308
 ; PRIOR FILING DATE: 2001-02-16
 ; NUMBER OF SEQ ID NOS: 1410
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 5090
 ; LENGTH: 885
 ; TYPE: PRT
 ; ORGANISM: Pseudomonas aeruginosa
 ; US-09-815-242-5090

Query Match 92.5%; Score 37; DB 9; Length 885;
 Best Local Similarity 83.3%; Pred. No. 1.3e+03;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 ADMWA 6
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 Db 563 ADMWA 568

RESULT 15

US-10-282-122A-43572
 ; Sequence 43572, Application US/10282122A
 ; Publication No. US20040029129A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, Liangsu
 ; APPLICANT: Zamudio, Carlos
 ; APPLICANT: Malone, Cheryl
 ; APPLICANT: Haselbeck, Robert
 ; APPLICANT: Ohlsen, Karl
 ; APPLICANT: Zyskind, Judith
 ; APPLICANT: Wall, Daniel
 ; APPLICANT: Trawick, John
 ; APPLICANT: Carr, Grant

; APPLICANT: Yamamoto, Robert
 ; APPLICANT: Forayth, R.

; APPLICANT: Xu, H.
 ; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
 ; FILE REFERENCE: ELITRA.034A
 ; CURRENT APPLICATION NUMBER: US/10/282,122A
 ; CURRENT FILING DATE: 2003-02-20
 ; PRIOR APPLICATION NUMBER: 60/191,078
 ; PRIOR FILING DATE: 2000-03-21
 ; PRIOR APPLICATION NUMBER: 60/206,848
 ; PRIOR FILING DATE: 2000-05-23
 ; PRIOR APPLICATION NUMBER: 60/207,727
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: 60/230,335
 ; PRIOR FILING DATE: 2000-09-06
 ; PRIOR APPLICATION NUMBER: 60/230,347
 ; PRIOR FILING DATE: 2000-09-09
 ; PRIOR APPLICATION NUMBER: 60/242,578
 ; PRIOR FILING DATE: 2000-10-23
 ; PRIOR APPLICATION NUMBER: 60/253,625
 ; PRIOR FILING DATE: 2000-11-27
 ; PRIOR APPLICATION NUMBER: 60/257,931
 ; PRIOR FILING DATE: 2000-12-22
 ; PRIOR APPLICATION NUMBER: 60/267,636
 ; PRIOR FILING DATE: 2001-02-09
 ; PRIOR APPLICATION NUMBER: 60/269,308
 ; PRIOR FILING DATE: 2001-02-16
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 78614
 ; SOFTWARE: Patentin version 3.1
 ; SEQ ID NO 43572
 ; LENGTH: 885
 ; TYPE: PRT
 ; ORGANISM: Pseudomonas aeruginosa
 ; US-10-282-122A-43572

Query Match 92.5%; Score 37; DB 12; Length 885;
 Best Local Similarity 83.3%; Pred. No. 1.3e+03;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 ADMWA 6
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 Db 563 ADMWA 568

Search completed: March 17, 2004, 18:45:25
 Job time : 22.6711 secs

GenCore version 5.1.6
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OM protein - protein search, using bw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-7
Perfect score: 38
Sequence: 1 LAMSWL 6

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues 1045404

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

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- 8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	38	100.0	6	9	US-09-847-946A-7
3	38	100.0	97	12	US-10-424-559-260010
4	38	100.0	216	12	US-10-424-559-157658
5	38	100.0	872	15	US-10-369-493-20896
6	38	100.0	1217	15	US-10-104-047-2263
7	35	92.1	86	12	US-10-424-559-234031
8	35	92.1	120	12	US-10-424-559-202984
9	35	92.1	196	14	US-10-080-170-120
10	35	92.1	210	14	US-10-080-170-548
11	35	92.1	1055	9	US-09-759-667A-3
12	34	89.5	56	10	US-09-933-767-359
13	34	89.5	56	14	US-10-023-282-359
14	34	89.5	64	9	US-09-864-761-39808
15	34	89.5	68	12	US-10-424-559-278156

16	34	89.5	87	12	US-10-424-559-155295	Sequence 155295, A
17	34	89.5	89	12	US-10-424-559-145894	Sequence 145894, A
18	34	89.5	93	12	US-10-424-559-258454	Sequence 258454, A
19	34	89.5	100	12	US-10-424-559-257999	Sequence 257999, A
20	34	89.5	112	12	US-10-424-559-260060	Sequence 260060, A
21	34	89.5	116	12	US-10-424-559-210233	Sequence 210233, A
22	34	89.5	123	12	US-10-424-559-160618	Sequence 160618, A
23	34	89.5	125	12	US-10-424-559-157430	Sequence 157430, A
24	34	89.5	141	12	US-10-424-559-201276	Sequence 201276, A
25	34	89.5	150	12	US-10-424-559-160617	Sequence 160617, A
26	34	89.5	151	12	US-10-424-559-194963	Sequence 194963, A
27	34	89.5	170	15	US-10-104-047-2210	Sequence 2210, Ap
28	34	89.5	191	12	US-10-424-559-200365	Sequence 200365, A
29	34	89.5	218	12	US-10-425-114-50280	Sequence 50280, A
30	34	89.5	237	12	US-10-425-114-68871	Sequence 68871, A
31	34	89.5	260	12	US-10-424-559-249146	Sequence 249146, A
32	34	89.5	268	12	US-10-425-114-64935	Sequence 64935, A
33	34	89.5	449	14	US-10-156-761-7842	Sequence 7842, Ap
34	34	89.5	453	15	US-10-147-324-2	Sequence 2, Appl1
35	34	89.5	514	12	US-10-336-472-56	Sequence 56, Appl1
36	34	89.5	544	14	US-10-067-668-8	Sequence 8, Appl1
37	34	89.5	544	14	US-10-175-696-8	Sequence 17, Appl1
38	34	89.5	547	12	US-10-257-378-17	Sequence 284901, A
39	34	89.5	547	12	US-10-424-559-284901	Sequence 128491, A
40	34	89.5	659	15	US-10-369-493-12634	Sequence 7850, Ap
41	34	89.5	821	15	US-10-369-493-7850	Sequence 2436, Ap
42	34	89.5	1408	16	US-10-389-566-2436	Sequence 1044, Ap
43	34	89.5	1411	16	US-10-389-566-1044	Sequence 8, Appl1
44	33	86.8	6	9	US-09-847-940B-8	Sequence 8, Appl1
45	33	86.8	6	10	US-09-847-946A-8	Sequence 8, Appl1

ALIGNMENTS

RESULT 1
US-09-847-940B-7
Sequence 7, Application US/09847940B
Patent No. US20020156000A1
GENERAL INFORMATION:
APPLICANT: May, Michael J.
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-117CP
CURRENT APPLICATION NUMBER: US/09/847,940B
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 7
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
US-09-847-940B-7
Description of Artificial Sequence: NBD mutants

Query Match 100.0%; Score 38; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LAMSWL 6
|||
1 LAMSWL 6

RESULT 2
US-09-847-946A-7
Sequence 7, Application US/09847946A
Patent No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J

APPLICANT: Ghosh, Sanke
APPLICANT: Finkel, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hennig, Gerhart
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 7
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD peptide
US-09-847-946A-7

Query Match 100.0%; Score 38; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LAWSWL 6
DB 1 LAWSWL 6

RESULT 3
US-10-424-599-260030
Sequence 260030, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 260030
LENGTH: 97
TYPE: PRT
ORGANISM: Glycine max
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_76831C.1.pep
US-10-424-599-260030

Query Match 100.0%; Score 38; DB 12; Length 97;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LAWSWL 6
DB 69 LAWSWL 74

RESULT 4
US-10-424-599-157658
Sequence 157658, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 157658
LENGTH: 216
TYPE: PRT
ORGANISM: Glycine max
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_113385C.1.pep
US-10-424-599-157658

Query Match 100.0%; Score 38; DB 12; Length 216;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LAWSWL 6
DB 188 LAWSWL 193

RESULT 5
US-10-369-493-20896
Sequence 20896, Application US/10369493
Publication No. US20030233675A1
GENERAL INFORMATION:
APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
FILE REFERENCE: 38-10(52052)B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 20896
LENGTH: 872
TYPE: PRT
ORGANISM: SYNECHOCOCCUS SP. WH 8102
US-10-369-493-20896

Query Match 100.0%; Score 38; DB 15; Length 872;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LAWSWL 6
DB 692 LAWSWL 697

RESULT 6
US-10-104-047-2263
Sequence 2263, Application US/10104047
Publication No. US20030236392A1
GENERAL INFORMATION:
APPLICANT: HELIX RESEARCH INSTITUTE
TITLE OF INVENTION: NO. US20030236392A1 full length cDNA
FILE REFERENCE: H1-A0105
CURRENT APPLICATION NUMBER: US/10/104,047
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE:
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2263
LENGTH: 1217
TYPE: PRT
ORGANISM: Homo sapiens

US-10-104-047-2263

Query Match 100.0%; Score 38; DB 15; Length 1217;
Best Local Similarity 100.0%; Pred. No. 2e+03;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LAMSWL 6
:|||||
DB 590 LAMSWL 595

RESULT 7

US-10-424-599-234031
; Sequence 234031, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 234031
; LENGTH: 86
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_53354C.1.pep
US-10-424-599-234031

Query Match 92.1%; Score 35; DB 12; Length 86;
Best Local Similarity 83.3%; Pred. No. 6.7e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LAMSWL 6
:|||||
DB 17 LAMSWL 22

RESULT 8
US-10-424-599-202984
; Sequence 202984, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 202984
; LENGTH: 120
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_2531C.1.pep
US-10-424-599-202984

Query Match 92.1%; Score 35; DB 12; Length 120;
Best Local Similarity 83.3%; Pred. No. 8.6e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LAMSWL 6
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DB 110 LAMSWL 115

RESULT 9
US-10-080-170-120
; Sequence 120, Application US/10080170
; Publication No. US20030129601A1
; GENERAL INFORMATION:
; APPLICANT: COLE, S.T.
; TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENOMICS AS A TOOL FOR
; TITLE OF INVENTION: IDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAXIS OR
; TITLE OF INVENTION: TREATMENT OF MYCOBACTERIOSES
; FILE REFERENCE: 03495.0218
; CURRENT APPLICATION NUMBER: US/10/080,170
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/270,123
; PRIOR FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 120
; LENGTH: 196
; TYPE: PRT
; ORGANISM: Mycobacterium leprae
US-10-080-170-120

Query Match 92.1%; Score 35; DB 14; Length 196;
Best Local Similarity 83.3%; Pred. No. 1.2e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LAMSWL 6
:|||||
DB 109 VAMSWL 114

RESULT 10
US-10-080-170-548
; Sequence 548, Application US/10080170
; Publication No. US20030129601A1
; GENERAL INFORMATION:
; APPLICANT: COLE, S.T.
; TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENOMICS AS A TOOL FOR
; TITLE OF INVENTION: IDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAXIS OR
; TITLE OF INVENTION: TREATMENT OF MYCOBACTERIOSES
; FILE REFERENCE: 03495.0218
; CURRENT APPLICATION NUMBER: US/10/080,170
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/270,123
; PRIOR FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 548
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Mycobacterium tuberculosis
US-10-080-170-548

Query Match 92.1%; Score 35; DB 14; Length 210;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LAMSWL 6
:|||||
DB 123 VAMSWL 128

RESULT 11
US-09-759-667A-3
; Sequence 3, Application US/09759667A
; Patent No. US20020064777A1
; GENERAL INFORMATION:
; APPLICANT: Mengiste, Tesaye
; APPLICANT: Paszkowski, Jerzy
; TITLE OF INVENTION: Recombination Repair Gene, MIM, from Arabidopsis thaliana
; FILE REFERENCE: S-30568A


```

CURRENT APPLICATION NUMBER: US/09/759,667A
CURRENT FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 9815485.9
PRIOR FILING DATE: 1998-07-16
PRIOR APPLICATION NUMBER: 9900760.1
PRIOR FILING DATE: 1999-01-14
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patent version 3.0
SEQ ID NO 3
LENGTH: 1055
TYPE: PRT
ORGANISM: Arabidopsis thaliana
US-09-759-667A-3

Query Match          92.1%  Score 35;  DB 9;  Length 1055;
Best Local Similarity 83.3%  Pred. No. 4,4e+03;
Matches 5;  Conservative 1;  Mismatches 0;  Indels 0;  Gaps 0;

QY      1  LAMSWL 6
DB      248  LAMSW 253

RESULT 12
US-09-933-767-359
Sequence 359, Application US/09933767
Publication No. US20030181692A1
GENERAL INFORMATION:
APPLICANT: NI et al.
TITLE OF INVENTION: P2007P2
FILE REFERENCE: P2007P2
CURRENT APPLICATION NUMBER: US/09/933,767
CURRENT FILING DATE: 2001-08-22
PRIOR APPLICATION NUMBER: PCT/US01/05614
PRIOR FILING DATE: 2001-02-21
PRIOR APPLICATION NUMBER: 60/184,836
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: 60/193,170
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: 09/205,258
PRIOR FILING DATE: 1998-12-04
PRIOR APPLICATION NUMBER: PCT/US98/11422
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/048,885
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/049,375
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,881
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,880
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,896
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/049,020
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,876
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,895
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,884
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,894
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,971
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,964
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,882
PRIOR FILING DATE: 1997-06-06
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PRIOR APPLICATION NUMBER: 60/048,893
PRIOR FILING DATE: 1997-06-06

PRIOR APPLICATION NUMBER: 60/048,900
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PRIOR APPLICATION NUMBER: 60/048,901
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,892
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,915
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/049,019
PRIOR FILING DATE: 1997-06-06
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PRIOR FILING DATE: 1997-06-06
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PRIOR APPLICATION NUMBER: 60/048,916
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/049,373
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,875
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/049,374
PRIOR FILING DATE: 1997-06-06
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PRIOR APPLICATION NUMBER: 60/048,974
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,883
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,897
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,898
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PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,963
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PRIOR APPLICATION NUMBER: 60/048,877
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/048,878
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/068,054
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068,064
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068,053
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/070,923
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/073,160
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/073,159
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/073,165
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/073,164
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/085,925
PRIOR FILING DATE: 1998-05-18
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PRIOR APPLICATION NUMBER: 60/085,923
PRIOR FILING DATE: 1998-05-18
PRIOR APPLICATION NUMBER: 60/085,922
PRIOR FILING DATE: 1998-05-18
PRIOR APPLICATION NUMBER: 60/092,921
PRIOR FILING DATE: 1998-07-15
PRIOR APPLICATION NUMBER: 60/094,657
PRIOR FILING DATE: 1998-07-30
NUMBER OF SEQ ID NOS: 1245
SOFTWARE: Patent Ver. 2.0
SEQ ID NO 359
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; LENGTH: 56
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (56)
; OTHER INFORMATION: Xaa equals stop translation
US-09-933-767-359

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Query Match      89.5%; Score 34; DB 10; Length 56;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 LAWSM 5
Db      9 LAWSM 13

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RESULT 13
US-10-023-282-359
; Sequence 359, Application US/10023282
; Publication No. US20030092893A1
; GENERAL INFORMATION:
; APPLICANT: Young et al.
; TITLE OF INVENTION: 207 Human Secreted Proteins
; FILE REFERENCE: P2007P1
; CURRENT APPLICATION NUMBER: US/10/023,282
; EARLIER FILING DATE: 2001-12-20
; EARLIER APPLICATION NUMBER: 09/205,258
; EARLIER FILING DATE: 1998-12-04
; EARLIER APPLICATION NUMBER: PCT/US98/11422
; EARLIER FILING DATE: 1998-06-04
; EARLIER APPLICATION NUMBER: 60/048,885
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,375
; EARLIER FILING DATE: 1997-06-06
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; EARLIER APPLICATION NUMBER: 60/048,876
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; EARLIER FILING DATE: 1997-12-18
; EARLIER APPLICATION NUMBER: 60/092,921
; EARLIER FILING DATE: 1998-07-15
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; NUMBER OF SEQ ID NOS: 1227
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 359
; LENGTH: 56
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (56)
; OTHER INFORMATION: Xaa equals stop translation
US-10-023-282-359

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Query Match      89.5%; Score 34; DB 14; Length 56;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 LAWSM 5
Db      9 LAWSM 13

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RESULT 14
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; Sequence 39808, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aeonica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; EARLIER FILING DATE: 2001-05-23
; EARLIER APPLICATION NUMBER: US 60/180,312

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; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
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; LENGTH: 64
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; ORGANISM: Homo sapiens
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; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.2
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.4
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.8
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.2
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.3
; OTHER INFORMATION: EST HUMAN HIT: BE91286.1, EVALUE 3.00e-33
; OTHER INFORMATION: SWISSPROT HIT: P14528, EVALUE 4.50e+00
; US-09-643-761-39808

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Best Local Similarity 100.0%; Pred. No. 7.2e+02;
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Db      33 LAMSW 37

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; Sequence 278156, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With

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; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 278156
; LENGTH: 68
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_93199C.1.pep
; US-10-424-599-278156

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Db      40 LAMSWL 45

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Search completed: March 17, 2004, 18:45:26
Job time : 22.6711 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using SW model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-8
Perfect score: 39
Sequence: 1 LEWSWL 6

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 1045404 seqs, 257433775 residues
Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	39	100.0	6	10	US-09-847-946A-8
3	36	92.3	6	9	US-09-847-940B-2
4	36	92.3	6	10	US-09-847-946A-2
5	36	92.3	6	10	US-09-847-946A-33
6	36	92.3	6	10	US-09-847-946A-33
7	36	92.3	7	10	US-09-847-946A-37
8	36	92.3	8	10	US-09-847-946A-30
9	36	92.3	8	10	US-09-847-946A-38
10	36	92.3	9	10	US-09-847-946A-29
11	36	92.3	9	10	US-09-847-946A-32
12	36	92.3	9	10	US-09-847-946A-35
13	36	92.3	10	10	US-09-847-946A-36
14	36	92.3	10	10	US-09-847-946A-31
15	36	92.3	11	10	US-09-847-946A-28

16	36	92.3	11	10	US-09-847-946A-132	Sequence 132, App
17	36	92.3	11	10	US-09-847-946A-140	Sequence 140, App
18	36	92.3	13	10	US-09-847-946A-143	Sequence 143, App
19	36	92.3	13	10	US-09-847-946A-144	Sequence 144, App
20	36	92.3	13	10	US-09-847-946A-145	Sequence 145, App
21	36	92.3	13	10	US-09-847-946A-148	Sequence 148, App
22	36	92.3	17	10	US-09-847-946A-141	Sequence 141, App
23	36	92.3	17	10	US-09-847-946A-142	Sequence 142, App
24	36	92.3	17	10	US-09-847-946A-146	Sequence 146, App
25	36	92.3	17	10	US-09-847-946A-147	Sequence 147, App
26	36	92.3	18	10	US-09-847-946A-131	Sequence 131, App
27	36	92.3	18	10	US-09-847-946A-135	Sequence 135, App
28	36	92.3	18	10	US-09-847-946A-136	Sequence 136, App
29	36	92.3	22	10	US-09-847-946A-134	Sequence 134, App
30	36	92.3	22	10	US-09-847-946A-137	Sequence 137, App
31	36	92.3	22	10	US-09-847-946A-138	Sequence 138, App
32	36	92.3	22	10	US-09-847-946A-139	Sequence 139, App
33	36	92.3	28	10	US-09-847-946A-18	Sequence 18, App
34	36	92.3	28	10	US-09-847-946A-18	Sequence 18, App
35	36	92.3	28	10	US-09-847-946A-18	Sequence 18, App
36	36	92.3	70	12	US-10-424-599-196520	Sequence 141, App
37	36	92.3	222	9	US-09-771-161A-141	Sequence 141, App
38	36	92.3	745	9	US-09-796-872-2	Sequence 10, App
39	36	92.3	745	9	US-09-844-908-10	Sequence 10, App
40	36	92.3	745	9	US-09-844-908-10	Sequence 10, App
41	36	92.3	745	14	US-10-243-408-4	Sequence 4, App
42	36	92.3	745	14	US-10-059-585-35	Sequence 35, App
43	36	92.3	745	14	US-10-338-462-10	Sequence 3, App
44	36	92.3	745	15	US-10-408-636-3	Sequence 32, App
45	36	92.3	745	15	US-10-394-322A-32	Sequence 32, App

ALIGNMENTS

RESULT 1
US-09-847-940B-8
Sequence 8, Application US/09847940B
Patent No. US2002015600A1
GENERAL INFORMATION:
APPLICANT: May, Michael J.
APPLICANT: Ghosh, Sankar
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PRI-117CP
CURRENT APPLICATION NUMBER: US/09/847,940B
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 09/643,260
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patent Ver. 2.0
SEQ ID NO 8
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
US-09-847-940B-8

Query Match 100.0%; Score 39; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LEWSWL 6
DB 1 LEWSWL 6

RESULT 2
US-09-847-946A-8
Sequence 8, Application US/09847946A
Publication No. US2003005499A1
GENERAL INFORMATION:
APPLICANT: May, Michael J

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/ APPLICANT: Ghosh, Sankar
/ APPLICANT: Findels, Mark A
/ APPLICANT: Phillips, Kathryn
/ APPLICANT: Hannig, Gerhard
/ TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
/ FILE REFERENCE: PFI-119
/ CURRENT APPLICATION NUMBER: US/09/847,946A
/ CURRENT FILING DATE: 2001-05-02
/ PRIOR APPLICATION NUMBER: 60/201,261
/ PRIOR FILING DATE: 2000-05-02
/ PRIOR APPLICATION NUMBER: 09/643,260
/ PRIOR FILING DATE: 2000-08-22
/ NUMBER OF SEQ ID NOS: 160
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 8
/ LENGTH: 6
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-8
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Query Match          100.0%; Score 39; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy      1 LEWSWL 6
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Db      1 LEWSWL 6
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RESULT 3
US-09-847-940B-2
/ Sequence 2, Application US/09847940B
/ Patent No. US2002015600A1
/ GENERAL INFORMATION:
/ APPLICANT: Ghosh, Sankar
/ APPLICANT: Findels, Mark A
/ APPLICANT: Hannig, Gerhard
/ TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
/ FILE REFERENCE: PFI-117CP
/ CURRENT APPLICATION NUMBER: US/09/847,940B
/ CURRENT FILING DATE: 2001-05-02
/ PRIOR APPLICATION NUMBER: 09/643,260
/ PRIOR FILING DATE: 2000-08-22
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 2
/ LENGTH: 6
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-2
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Query Match          92.3%; Score 36; DB 9; Length 6;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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Db      1 LEWSWL 6
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US-09-847-946A-2
/ Sequence 2, Application US/09847946A
/ Publication No. US20030054999A1
/ GENERAL INFORMATION:
/ APPLICANT: May, Michael J
/ APPLICANT: Ghosh, Sankar
/ APPLICANT: Findels, Mark A
/ APPLICANT: Phillips, Kathryn
/ APPLICANT: Hannig, Gerhard
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/ TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
/ FILE REFERENCE: PFI-119
/ CURRENT APPLICATION NUMBER: US/09/847,946A
/ CURRENT FILING DATE: 2001-05-02
/ PRIOR APPLICATION NUMBER: 60/201,261
/ PRIOR FILING DATE: 2000-05-02
/ PRIOR APPLICATION NUMBER: 09/643,260
/ PRIOR FILING DATE: 2000-08-22
/ NUMBER OF SEQ ID NOS: 160
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 2
/ LENGTH: 6
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-2
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Query Match          92.3%; Score 36; DB 10; Length 6;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      1 LEWSWL 6
        |||||
Db      1 LEWSWL 6
```

```
RESULT 5
US-09-847-946A-33
/ Sequence 33, Application US/09847946A
/ Publication No. US20030054999A1
/ GENERAL INFORMATION:
/ APPLICANT: May, Michael J
/ APPLICANT: Ghosh, Sankar
/ APPLICANT: Findels, Mark A
/ APPLICANT: Phillips, Kathryn
/ APPLICANT: Hannig, Gerhard
/ TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
/ FILE REFERENCE: PFI-119
/ CURRENT APPLICATION NUMBER: US/09/847,946A
/ CURRENT FILING DATE: 2001-05-02
/ PRIOR APPLICATION NUMBER: 60/201,261
/ PRIOR FILING DATE: 2000-05-02
/ PRIOR APPLICATION NUMBER: 09/643,260
/ PRIOR FILING DATE: 2000-08-22
/ NUMBER OF SEQ ID NOS: 160
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 33
/ LENGTH: 6
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:NBD binding
US-09-847-946A-33
```

```
Query Match          92.3%; Score 36; DB 10; Length 6;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      1 LEWSWL 6
        |||||
Db      1 LEWSWL 6
```

```
RESULT 6
US-09-847-946A-37
/ Sequence 37, Application US/09847946A
/ Publication No. US20030054999A1
/ GENERAL INFORMATION:
/ APPLICANT: May, Michael J
/ APPLICANT: Ghosh, Sankar
/ APPLICANT: Findels, Mark A
```

APPLICANT: Phillips, Kathryn
APPLICANT: Hamdig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 37
LENGTH: 7
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-37

Query Match 92.3%; Score 36; DB 10; Length 7;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LEMSWL 6
|:||||
DB 1 LDMWSWL 6

RESULT 7
US-09-847-946A-30
Sequence 30, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Phillips, Kathryn
APPLICANT: Hamdig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 30
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-30

Query Match 92.3%; Score 36; DB 10; Length 8;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LEMSWL 6
|:||||
DB 3 LDMWSWL 8

RESULT 8
US-09-847-946A-38
Sequence 38, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:

APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Rindeis, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hamdig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 38
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-38

Query Match 92.3%; Score 36; DB 10; Length 8;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LEMSWL 6
|:||||
DB 1 LDMWSWL 6

RESULT 9
US-09-847-946A-29
Sequence 29, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Rindeis, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hamdig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 29
LENGTH: 9
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-29

Query Match 92.3%; Score 36; DB 10; Length 9;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LEMSWL 6
|:||||
DB 1 LDMWSWL 6

RESULT 10
US-09-847-946A-32

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; Sequence 32, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 32
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-32
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```
Query Match          92.3%; Score 36; DB 10; Length 9;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 LEWSWL 6
Db      1 LDMSWL 6
```

```
RESULT 11
US-09-847-946A-35
; Sequence 35, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 35
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-35
```

```
Query Match          92.3%; Score 36; DB 10; Length 9;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 LEWSWL 6
Db      3 LDMSWL 8
```

```
RESULT 12
US-09-847-946A-36
; Sequence 36, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 36
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-36
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```
Query Match          92.3%; Score 36; DB 10; Length 9;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 LEWSWL 6
Db      2 LDMSWL 7
```

```
RESULT 13
US-09-847-946A-31
; Sequence 31, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 31
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-31
```

```
Query Match          92.3%; Score 36; DB 10; Length 10;
Best Local Similarity 83.3%; Pred. No. 92;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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```
Qy      1 LEWSWL 6
```

Db 2 LDMSWL 7

RESULT 14

US-09-847-946A-34
 ; Sequence 34, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Fingels, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 34
 ; LENGTH: 10
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: NMO binding
 ; OTHER INFORMATION: sequence
 ; US-09-847-946A-34

Query Match 92.3%; Score 36; DB 10; Length 10;
 Best Local Similarity 83.3%; Pred. No. 92;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LEWSWL 6
 Db 3 LDMSWL 8

RESULT 15
 US-09-847-946A-28
 ; Sequence 28, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Fingels, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 28
 ; LENGTH: 11
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: NMO binding
 ; OTHER INFORMATION: sequence
 ; US-09-847-946A-28

Query Match 92.3%; Score 36; DB 10; Length 11;
 Best Local Similarity 83.3%; Pred. No. 98;

Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 QY 1 LEWSWL 6
 Db 3 LDMSWL 8

Search completed: March 17, 2004, 18:45:27
 CPU time : 22.6711 secs

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OM protein - protein search, using SW model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-9
Perfect score: 40
Sequence: 1 LNWSWL 6

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-Processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

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16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	40	100.0	6	9	US-09-847-940B-9
2	40	100.0	6	10	US-09-847-946A-9
3	36	90.0	117	10	US-09-809-391-360
4	36	90.0	117	10	US-09-882-171-360
5	36	90.0	117	15	US-10-108-260A-2983
6	36	90.0	206	12	US-10-425-114-53485
7	36	90.0	284	12	US-10-425-114-58553
8	36	90.0	287	12	US-10-425-114-51905
9	36	90.0	444	12	US-10-425-114-65445
10	36	90.0	455	12	US-10-282-122A-73424
11	36	90.0	460	12	US-10-282-122A-74853
12	36	90.0	460	12	US-10-282-122A-76281
13	36	90.0	462	12	US-10-425-114-66792
14	36	90.0	464	9	US-09-815-242-10647
15	36	90.0	464	12	US-10-282-122A-42561

16	36	90.0	467	9	US-09-815-242-4997	Sequence 4997, App
17	36	90.0	864	15	US-10-436-715-29	Sequence 29, App1
18	36	90.0	864	15	US-10-436-715-82	Sequence 82, App1
19	35	87.5	6	9	US-09-847-940B-2	Sequence 2, App1
20	35	87.5	6	10	US-09-847-946A-2	Sequence 2, App1
21	35	87.5	6	10	US-09-847-946A-13	Sequence 33, App1
22	35	87.5	7	10	US-09-847-946A-17	Sequence 37, App1
23	35	87.5	8	10	US-09-847-946A-30	Sequence 38, App1
24	35	87.5	8	10	US-09-847-946A-18	Sequence 38, App1
25	35	87.5	9	10	US-09-847-946A-29	Sequence 29, App1
26	35	87.5	9	10	US-09-847-946A-32	Sequence 32, App1
27	35	87.5	9	10	US-09-847-946A-35	Sequence 35, App1
28	35	87.5	9	10	US-09-847-946A-16	Sequence 36, App1
29	35	87.5	10	10	US-09-847-946A-11	Sequence 31, App1
30	35	87.5	10	10	US-09-847-946A-14	Sequence 34, App1
31	35	87.5	11	10	US-09-847-946A-18	Sequence 28, App1
32	35	87.5	11	10	US-09-847-946A-132	Sequence 132, App
33	35	87.5	11	10	US-09-847-946A-140	Sequence 140, App
34	35	87.5	13	10	US-09-847-946A-143	Sequence 143, App
35	35	87.5	13	10	US-09-847-946A-144	Sequence 144, App
36	35	87.5	13	10	US-09-847-946A-145	Sequence 145, App
37	35	87.5	13	10	US-09-847-946A-148	Sequence 148, App
38	35	87.5	17	10	US-09-847-946A-141	Sequence 141, App
39	35	87.5	17	10	US-09-847-946A-142	Sequence 142, App
40	35	87.5	17	10	US-09-847-946A-146	Sequence 146, App
41	35	87.5	17	10	US-09-847-946A-147	Sequence 147, App
42	35	87.5	18	10	US-09-847-946A-131	Sequence 131, App
43	35	87.5	18	10	US-09-847-946A-135	Sequence 135, App
44	35	87.5	18	10	US-09-847-946A-136	Sequence 136, App
45	35	87.5	22	10	US-09-847-946A-133	Sequence 133, App

ALIGNMENTS

RESULT 1
US-09-847-940B-9
Sequence 9, Application US/09847940B
Patent No. US20020156000A1
GENERAL INFORMATION:
APPLICANT: May, Michael J.
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPT-117CP
CURRENT APPLICATION NUMBER: US/09/847,940B
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 9
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
US-09-847-940B-9

Query Match 100.0%; Score 40; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LNWSWL 6
Db 1 LNWSWL 6

RESULT 2
US-09-847-946A-9
Sequence 9, Application US/09847946A
Patent No. US2003005499A1
GENERAL INFORMATION:
APPLICANT: May, Michael J

APPLICANT: Ghosh, Sankar
APPLICANT: Fiedels, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hamid, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 9
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD peptide
US-09-847-946A-9

Query Match 100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LNMSWL 6
|||||
DB 1 LNMSWL 6

RESULT 3
US-09-809-391-360
Sequence 360, Application US/09809391
Publication No. US20030049618A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: 186 Human Secreted proteins
FILE REFERENCE: P2002P2
CURRENT APPLICATION NUMBER: US/09/809,391
CURRENT FILING DATE: 2001-03-16
Prior application data removed - consult PAM or file wrapper
NUMBER OF SEQ ID NOS: 761
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 360
LENGTH: 117
TYPE: PRT
ORGANISM: Homo sapiens
US-09-809-391-360

Query Match 90.0%; Score 36; DB 10; Length 117;
Best Local Similarity 100.0%; Pred. No. 6.1e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LNMSWL 5
|||||
DB 30 LNMSWL 34

RESULT 4
US-09-882-171-360
Sequence 360, Application US/09882171
Publication No. US20030175858A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: 186 Human Secreted proteins
FILE REFERENCE: P2002P2
CURRENT APPLICATION NUMBER: US/09/882,171
CURRENT FILING DATE: 2001-06-18
PRIOR APPLICATION NUMBER: 09/809,391
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 09/149,476
PRIOR FILING DATE: 1998-09-08

PRIOR APPLICATION NUMBER: PCT/US98/04493
PRIOR FILING DATE: 1998-03-06
PRIOR APPLICATION NUMBER: 60/040,162
PRIOR FILING DATE: 1997-03-07
PRIOR APPLICATION NUMBER: 60/040,333
PRIOR FILING DATE: 1997-03-07
PRIOR APPLICATION NUMBER: 60/038,621
PRIOR FILING DATE: 1997-03-07
PRIOR APPLICATION NUMBER: 60/040,626
PRIOR FILING DATE: 1997-03-07
PRIOR APPLICATION NUMBER: 60/040,334
PRIOR FILING DATE: 1997-03-07
PRIOR APPLICATION NUMBER: 60/040,336
PRIOR FILING DATE: 1997-03-07
PRIOR APPLICATION NUMBER: 60/040,163
PRIOR FILING DATE: 1997-03-07
PRIOR APPLICATION NUMBER: 60/047,600
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,615
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,597
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,502
PRIOR FILING DATE: 1997-05-23
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PRIOR FILING DATE: 1997-05-23
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PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,617
PRIOR FILING DATE: 1997-05-23
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PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,503
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,592
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PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,584
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,500
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,587
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,492
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,598
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PRIOR APPLICATION NUMBER: 60/047,613
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PRIOR APPLICATION NUMBER: 60/047,596
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PRIOR APPLICATION NUMBER: 60/047,612
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,632
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,601
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/043,580
PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043,568
PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043,314
PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043,569
PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043,311
PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043,671
PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043,674

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PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043,669
PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043,312
PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043,313
PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043,672
PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043,315
PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/048,974
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/056,886
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,877
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,889
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,893
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,630
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,878
PRIOR FILING DATE: 1997-08-22
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PRIOR APPLICATION NUMBER: 60/056,882
PRIOR FILING DATE: 1997-08-22
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PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,903
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,888
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,879
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,880
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,894
PRIOR FILING DATE: 1997-08-22
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PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,636
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,874
PRIOR FILING DATE: 1997-08-22
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PRIOR APPLICATION NUMBER: 60/056,631
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,845
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,892
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/057,761
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/047,595
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,599
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,588
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,585
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,586
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,590
PRIOR FILING DATE: 1997-05-23

PRIOR APPLICATION NUMBER: 60/047,594
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,589
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,593
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,614
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/043,578
PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043,576
PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/047,501
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/043,670
PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/056,632
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,664
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,876
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,881
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,909
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,875
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,862
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,887
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,908
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/048,964
PRIOR FILING DATE: 1997-06-06
PRIOR APPLICATION NUMBER: 60/057,650
PRIOR FILING DATE: 1997-09-05
PRIOR APPLICATION NUMBER: 60/056,884
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/057,669
PRIOR FILING DATE: 1997-09-05

Query Match          90.0%; Score 36; DB 10; Length 117;
Best Local Similarity 100.0%; Pred. No. 6,1e+02;
Matches      5; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

Qy      1 LNMSW 5
      |||||
Db      30 LNMSW 34

RESULT 5
US-10-108-260A-2983
; Sequence 2983, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1e1 full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2983
; LENGTH: 117
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-108-260A-2983

Query Match          90.0%; Score 36; DB 15; Length 117;
Best Local Similarity 100.0%; Pred. No. 6,1e+02;
Matches      5; Conservative      0; Mismatches      0; Indels      0; Gaps      0;
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QY 2 NMSWL 6
| | | |
DB 20 NMSWL 24

RESULT 6

US-10-425-114-53485
; Sequence 53485, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jindong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(5313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 53485
; LENGTH: 206
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: 700380171_FLI.pep
US-10-425-114-53485

Query Match 90.0%; Score 36; DB 12; Length 206;
Best Local Similarity 100.0%; Pred. No. 9.4e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 NMSWL 6
| | | |
DB 94 NMSWL 98

RESULT 7

US-10-425-114-58553
; Sequence 58553, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jindong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(5313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 58553
; LENGTH: 284
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: UC-ZMFLB73245G12_FLI.pep
US-10-425-114-58553

Query Match 90.0%; Score 36; DB 12; Length 284;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 NMSWL 6
| | | |
DB 128 NMSWL 132

RESULT 8
US-10-425-114-51905
; Sequence 51905, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jindong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(5313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 51905
; LENGTH: 287
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: 700221591_FLI.pep
US-10-425-114-51905

Query Match 90.0%; Score 36; DB 12; Length 287;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 NMSWL 6
| | | |
DB 131 NMSWL 135

RESULT 9
US-10-425-114-65445
; Sequence 65445, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jindong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(5313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 65445
; LENGTH: 444
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB4765-002-C8_FLI.pep
US-10-425-114-65445

Query Match 90.0%; Score 36; DB 12; Length 444;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 NMSWL 6
| | | |
DB 332 NMSWL 336

RESULT 10
US-10-282-122A-73424
; Sequence 73424, Application US/10282122A
; Publication No. US20040029129A1

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/ GENERAL INFORMATION:
/ APPLICANT: Wang, Liangsu
/ APPLICANT: Zamudio, Carlos
/ APPLICANT: Malone, Cheryl
/ APPLICANT: Haselbeck, Robert
/ APPLICANT: Ohlsen, Kari
/ APPLICANT: Zyskind, Judith
/ APPLICANT: Wall, Daniel
/ APPLICANT: Trawick, John
/ APPLICANT: Carr, Grant
/ APPLICANT: Yamamoto, Robert
/ APPLICANT: Forsyth, R.
/ APPLICANT: Xu, H.
/ TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
/ FILE REFERENCE: ELITRA.034A
/ CURRENT APPLICATION NUMBER: US/10/282,122A
/ CURRENT FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: 60/191,078
/ PRIOR FILING DATE: 2000-03-21
/ PRIOR APPLICATION NUMBER: 60/206,848
/ PRIOR FILING DATE: 2000-05-23
/ PRIOR APPLICATION NUMBER: 60/207,727
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: 60/230,335
/ PRIOR FILING DATE: 2000-09-06
/ PRIOR APPLICATION NUMBER: 60/230,347
/ PRIOR FILING DATE: 2000-09-09
/ PRIOR APPLICATION NUMBER: 60/242,578
/ PRIOR FILING DATE: 2000-10-23
/ PRIOR APPLICATION NUMBER: 60/253,625
/ PRIOR FILING DATE: 2000-11-27
/ PRIOR APPLICATION NUMBER: 60/257,931
/ PRIOR FILING DATE: 2000-12-22
/ PRIOR APPLICATION NUMBER: 60/267,636
/ PRIOR FILING DATE: 2001-02-09
/ PRIOR APPLICATION NUMBER: 60/269,308
/ PRIOR FILING DATE: 2001-02-16
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 78614
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 73424
/ LENGTH: 455
/ TYPE: PR
/ ORGANISM: Salmonella paratyphi A
/ FEATURE:
/ NAME/KEY: MISC_FEATURE
/ LOCATION: (305)..(305)
/ OTHER INFORMATION: X-any amino acid
US-10-282-122A-73424

Query Match          90.0%; Score 36; DB 12; Length 455;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 NMSWL 6
Db      414 NMSWL 418

RESULT 11
US-10-282-122A-74853
/ Sequence 74853, Application US/10282122A
/ Publication No. US20040029129A1
/ GENERAL INFORMATION:
/ APPLICANT: Wang, Liangsu
/ APPLICANT: Zamudio, Carlos
/ APPLICANT: Malone, Cheryl
/ APPLICANT: Haselbeck, Robert
/ APPLICANT: Ohlsen, Kari
/ APPLICANT: Zyskind, Judith
/ APPLICANT: Wall, Daniel
/ APPLICANT: Trawick, John
/ APPLICANT: Carr, Grant
```

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/ APPLICANT: Yamamoto, Robert
/ APPLICANT: Forsyth, R.
/ APPLICANT: Xu, H.
/ TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
/ FILE REFERENCE: ELITRA.034A
/ CURRENT APPLICATION NUMBER: US/10/282,122A
/ CURRENT FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: 60/191,078
/ PRIOR FILING DATE: 2000-03-21
/ PRIOR APPLICATION NUMBER: 60/206,848
/ PRIOR FILING DATE: 2000-05-23
/ PRIOR APPLICATION NUMBER: 60/207,727
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: 60/230,335
/ PRIOR FILING DATE: 2000-09-06
/ PRIOR APPLICATION NUMBER: 60/230,347
/ PRIOR FILING DATE: 2000-09-09
/ PRIOR APPLICATION NUMBER: 60/242,578
/ PRIOR FILING DATE: 2000-10-23
/ PRIOR APPLICATION NUMBER: 60/253,625
/ PRIOR FILING DATE: 2000-11-27
/ PRIOR APPLICATION NUMBER: 60/257,931
/ PRIOR FILING DATE: 2000-12-22
/ PRIOR APPLICATION NUMBER: 60/267,636
/ PRIOR FILING DATE: 2001-02-09
/ PRIOR APPLICATION NUMBER: 60/269,308
/ PRIOR FILING DATE: 2001-02-16
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 78614
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 74853
/ LENGTH: 460
/ TYPE: PR
/ ORGANISM: Salmonella typhimurium
US-10-282-122A-74853

Query Match          90.0%; Score 36; DB 12; Length 460;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 NMSWL 6
Db      418 NMSWL 422

RESULT 12
US-10-282-122A-76281
/ Sequence 76281, Application US/10282122A
/ Publication No. US20040029129A1
/ GENERAL INFORMATION:
/ APPLICANT: Wang, Liangsu
/ APPLICANT: Zamudio, Carlos
/ APPLICANT: Malone, Cheryl
/ APPLICANT: Haselbeck, Robert
/ APPLICANT: Ohlsen, Kari
/ APPLICANT: Zyskind, Judith
/ APPLICANT: Wall, Daniel
/ APPLICANT: Trawick, John
/ APPLICANT: Carr, Grant
/ APPLICANT: Yamamoto, Robert
/ APPLICANT: Forsyth, R.
/ APPLICANT: Xu, H.
/ TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
/ FILE REFERENCE: ELITRA.034A
/ CURRENT APPLICATION NUMBER: US/10/282,122A
/ CURRENT FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: 60/191,078
/ PRIOR FILING DATE: 2000-03-21
/ PRIOR APPLICATION NUMBER: 60/206,848
/ PRIOR FILING DATE: 2000-05-23
/ PRIOR APPLICATION NUMBER: 60/207,727
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: 60/230,335
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; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: Patent version 3.1
; SEQ ID NO 76281
; LENGTH: 460
; TYPE: PRT
; ORGANISM: Salmonella typhi
US-10-282-122A-76281
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Query Match          90.0%; Score 36; DB 12; Length 460;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      2 NMSWL 6
        |||||
Db      418 NMSWL 422
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RESULT 13
US-10-425-114-66792
; Sequence 66792, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E.
; APPLICANT: Tabaska, Jack E.
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(5313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; PRIOR FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 66792
; LENGTH: 462
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB4746-059-C6_FLI.pep
US-10-425-114-66792
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Query Match          90.0%; Score 36; DB 12; Length 462;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      2 NMSWL 6
        |||||
Db      70 NMSWL 74
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RESULT 14
US-09-815-242-10647
; Sequence 10647, Application US/09815242
; Patent No. US20020061569A1
; GENERAL INFORMATION:
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Karl L.
; APPLICANT: Zykkind, Judith W.
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; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John D.
; APPLICANT: Carr, Grant J.
; APPLICANT: Yamamoto, Robert T.
; APPLICANT: Xu, H. Howard
; TITLE OF INVENTION: Identification of Essential Genes in
; FILE REFERENCE: ELITRA.011A
; CURRENT APPLICATION NUMBER: US/09/815,242
; PRIOR FILING DATE: 2001-03-21
; CURRENT APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 14110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10647
; LENGTH: 464
; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-09-815-242-10647
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Query Match          90.0%; Score 36; DB 9; Length 464;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      2 NMSWL 6
        |||||
Db      422 NMSWL 426
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RESULT 15
US-10-282-122A-42561
; Sequence 42561, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Karl
; APPLICANT: Zykkind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
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; PRIOR FILING DATE: 2000-10-23
 ; PRIOR APPLICATION NUMBER: 60/253,625
 ; PRIOR FILING DATE: 2000-11-27
 ; PRIOR APPLICATION NUMBER: 60/257,931
 ; PRIOR FILING DATE: 2000-12-22
 ; PRIOR APPLICATION NUMBER: 60/267,636
 ; PRIOR FILING DATE: 2001-02-09
 ; PRIOR APPLICATION NUMBER: 60/269,308
 ; PRIOR FILING DATE: 2001-02-16
 ; Remaining Prior Application data removed - See file Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 78614
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO: 42561
 ; LENGTH: 464
 ; TYPE: PRT
 ; ORGANISM: Enterococcus faecalis
 US-10-282-122A-42561

Query Match 90.0%; Score 36; DB 12; Length 464;
 Best Local Similarity 100.0%; Fred. No. 1.7e+03;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 NWSWL 6
 |||||
 Db 422 NWSWL 426

Search completed: March 17, 2004, 18:45:27
 Job time: 21.6711 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-10

Perfect score: 33

Sequence: 1 LDASWL 6

Scoring table: GAPop 10.0, Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database: Published Applications AA.*

- 1: /cgn2_6/prodata/1/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/prodata/1/pubpaa/FCI_NEW_PUB.pep.*
- 3: /cgn2_6/prodata/1/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/prodata/1/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/prodata/1/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/prodata/1/pubpaa/US07_PUBCOMB.pep.*
- 7: /cgn2_6/prodata/1/pubpaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/prodata/1/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/prodata/1/pubpaa/US09_PUBCOMB.pep.*
- 10: /cgn2_6/prodata/1/pubpaa/US09_PUBCOMB.pep.*
- 11: /cgn2_6/prodata/1/pubpaa/US09_NEW_PUB.pep.*
- 12: /cgn2_6/prodata/1/pubpaa/US10_PUBCOMB.pep.*
- 13: /cgn2_6/prodata/1/pubpaa/US10_PUBCOMB.pep.*
- 14: /cgn2_6/prodata/1/pubpaa/US10_PUBCOMB.pep.*
- 15: /cgn2_6/prodata/1/pubpaa/US10_PUBCOMB.pep.*
- 16: /cgn2_6/prodata/1/pubpaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/prodata/1/pubpaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/prodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	33	100.0	6	9	US-09-847-940B-10
2	33	100.0	6	10	US-09-847-946A-10
3	33	100.0	105	9	US-09-738-626-6278
4	33	100.0	684	12	US-10-282-122A-69449
5	33	100.0	1174	12	US-10-282-122A-50099
6	33	100.0	1177	12	US-10-282-122A-48238
7	30	90.9	191	15	US-10-291-265-782
8	30	90.9	221	14	US-10-169-048-2
9	30	90.9	261	9	US-09-765-205-14
10	30	90.9	261	15	US-10-360-849A-12
11	30	90.9	261	15	US-10-360-849A-15
12	30	90.9	261	15	US-10-360-849A-18
13	30	90.9	277	15	US-10-291-265-310
14	30	90.9	612	12	US-10-282-122A-52265
15	30	90.9	686	12	US-10-282-122A-67777

Result No.	Score	Query Match	Length	DB ID	Description
16	30	90.9	919	9	US-09-738-626-6970
17	30	90.9	935	9	US-09-784-208-3
18	30	90.9	935	13	US-10-078-107-1
19	30	90.9	935	13	US-10-077-751-1
20	30	90.9	935	14	US-10-315-023-3
21	30	90.9	935	14	US-10-315-023-8
22	30	90.9	935	14	US-10-077-745-1
23	30	90.9	935	14	US-10-338-915-1
24	29	87.9	65	12	US-10-424-599-211343
25	29	87.9	69	12	US-10-424-599-182512
26	29	87.9	69	12	US-10-424-599-269884
27	29	87.9	111	12	US-10-424-599-194298
28	29	87.9	136	9	US-09-738-973-123
29	29	87.9	136	9	US-09-654-133-123
30	29	87.9	136	14	US-10-144-649A-123
31	29	87.9	143	12	US-10-424-599-153300
32	29	87.9	183	12	US-10-425-114-53768
33	29	87.9	238	15	US-10-108-260A-3740
34	29	87.9	243	12	US-10-389-647-675
35	29	87.9	269	15	US-10-369-493-592
36	29	87.9	277	15	US-10-369-493-5377
37	29	87.9	278	15	US-10-369-493-7867
38	29	87.9	279	15	US-10-369-493-11783
39	29	87.9	279	15	US-10-369-493-14664
40	29	87.9	279	15	US-10-369-493-15142
41	29	87.9	285	15	US-10-369-493-7936
42	29	87.9	286	15	US-10-369-493-821
43	29	87.9	293	15	US-10-369-493-21834
44	29	87.9	297	9	US-09-981-353-90
45	29	87.9	305	9	US-09-815-242-12482

ALIGNMENTS

RESULT 1
US-09-847-940B-10
Sequence 10, Application US/09847940B
Patent No. US20020156000A1
GENERAL INFORMATION:
APPLICANT: May, Michael J.
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-117CP
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 10
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
US-09-847-940B-10

Query Match
Best Local Similarity 100.0%; Score 33; DB 9; Length 6;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1 LDASWL 6
Db 1 LDASWL 6

RESULT 2
US-09-847-946A-10
Sequence 10, Application US/09847946A
Patent No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J

APPLICANT: Ghosh, Sankar
APPLICANT: Fingels, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 10
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD peptide
US-09-847-946A-10

Query Match 100.0%; Score 33; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDASWL 6
DB 1 LDASWL 6

RESULT 3
US-09-738-626-6278
Sequence 6278, Application US/09738626
Publication No. US20020197605A1
GENERAL INFORMATION:
APPLICANT: NAKAGAWA, SATOSHI
APPLICANT: MIZOGUCHI, HIROSHI
APPLICANT: ANDO, SEIKO
APPLICANT: HAYASHI, MIKIRO
APPLICANT: OCHIAI, KEIKO
APPLICANT: YOKOI, HARUHIKO
APPLICANT: TATEISHI, NAOKO
APPLICANT: SENOH, AKIHIRO
APPLICANT: IKEDA, MASATO
APPLICANT: OZAKI, AKIO
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-125
CURRENT APPLICATION NUMBER: US/09/738,626
CURRENT FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: JP 99/377484
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: JP 00/159162
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: JP 00/280988
PRIOR FILING DATE: 2000-08-03
NUMBER OF SEQ ID NOS: 7059
SOFTWARE: PatentIn ver. 3.0
SEQ ID NO: 6278
LENGTH: 105
TYPE: PRT
ORGANISM: Corynebacterium glutamicum
US-09-738-626-6278

Query Match 100.0%; Score 33; DB 9; Length 105;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDASWL 6
DB 48 LDASWL 53

RESULT 4
US-10-282-122A-69449
Sequence 69449, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
APPLICANT: Carr, Grant
APPLICANT: Yamamoto, Robert
APPLICANT: Forsyth, R.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO: 69449
LENGTH: 684
TYPE: PRT
ORGANISM: Pseudomonas syringae
US-10-282-122A-69449

Query Match 100.0%; Score 33; DB 12; Length 684;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDASWL 6
DB 340 LDASWL 345

RESULT 5
US-10-282-122A-50099
Sequence 50099, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
APPLICANT: Carr, Grant

```

; APPLICANT: Yamamoto, Robert
; APPLICANT: Foreyech, R.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50099
; LENGTH: 1174
; TYPE: PRT
; ORGANISM: Burkholderia mallei
; US-10-282-122A-50099

Query Match      100.0%; Score 33; DB 12; Length 1174;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDASWL 6
Db      116 LDASWL 121

RESULT 6
US-10-282-122A-48238
; Sequence 48238, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Karl
; APPLICANT: Zyekind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forbych, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50099
; LENGTH: 1174
; TYPE: PRT
; ORGANISM: Burkholderia mallei
; US-10-282-122A-50099

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; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 48238
; LENGTH: 1177
; TYPE: PRT
; ORGANISM: Burkholderia cepacia
; US-10-282-122A-48238

Query Match      100.0%; Score 33; DB 12; Length 1177;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDASWL 6
Db      116 LDASWL 121

RESULT 7
US-10-291-265-782
; Sequence 782, Application US/10291265
; Publication No. US20030232054A1
; GENERAL INFORMATION:
; APPLICANT: Hysq, Inc.
; APPLICANT: Tang et al
; TITLE OF INVENTION: 21272-017 (785) Nucleic Acids and Polypeptides
; FILE REFERENCE: 21272-017 (785)
; CURRENT FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 09/491,404
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 09/617,746
; PRIOR FILING DATE: 2000-07-17
; PRIOR APPLICATION NUMBER: 09/631,451
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: 09/633,870
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 944
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 782
; LENGTH: 191
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-291-265-782

Query Match      90.9%; Score 30; DB 15; Length 191;
Best Local Similarity 83.3%; Pred. No. 1e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDASWL 6
Db      161 LDASWL 166

RESULT 8
US-10-169-048-2
; Sequence 2, Application US/10169048
; Publication No. US20030072769A1
; GENERAL INFORMATION:
; APPLICANT: Clarke, Edna Elizabeth

```

APPLICANT: Zhou, Liqing
APPLICANT: Shee, Jacqueline Elisabeth
APPLICANT: Feldman, Robert Graham
APPLICANT: Holden, David William
TITLE OF INVENTION: Streptococcus Pyogenes Virulence Genes and Proteins And Their Use
FILE REFERENCE: GJE-97
CURRENT APPLICATION NUMBER: US/10/169,048
CURRENT FILING DATE: 2002-06-24
PRIOR APPLICATION NUMBER: PCT/GB00/04997
PRIOR FILING DATE: 2000-12-22
NUMBER OF SEQ ID NOS: 62
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 221
TYPE: PRT
ORGANISM: Streptococcus pyogenes
US-10-169-048-2

Query Match 90.9%; Score 30; DB 14; Length 221;
Best Local Similarity 83.3%; Pred. No. 1.2e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDASWL 6
Db 36 LDASWL 41

RESULT 9
US-09-765-205-14
Sequence 14, Application US/09765205
Patent No. US20020034800A1
GENERAL INFORMATION:
APPLICANT: Cao, Li
TITLE OF INVENTION: BONE MARROW SECRETED PROTEINS AND POLYNUCLEOTIDES
FILE REFERENCE: 1458.004/200130.449
CURRENT APPLICATION NUMBER: US/09/765,205
CURRENT FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US/09/212,440
PRIOR FILING DATE: 1998-12-16
NUMBER OF SEQ ID NOS: 46
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 14
LENGTH: 261
TYPE: PRT
ORGANISM: human
US-09-765-205-14

Query Match 90.9%; Score 30; DB 9; Length 261;
Best Local Similarity 83.3%; Pred. No. 1.4e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDASWL 6
Db 161 LDASWL 166

RESULT 10
US-10-360-849A-12
Sequence 12, Application US/10360849A
Publication No. US20030220249A1
GENERAL INFORMATION:
APPLICANT: Discovery Genomics, Inc.
APPLICANT: Hackett, Perry
APPLICANT: Nasevicius, Aldas
APPLICANT: Essner, Jeffrey
APPLICANT: Clark, Karl
APPLICANT: Larson, Jon
APPLICANT: Ekker, Stephen
APPLICANT: Roberg-Perez, Sharon
APPLICANT: Wadman, Shannon
TITLE OF INVENTION: FACTORS FOR ANGIOGENESIS, VASCULOGENESIS, CARTILAGE FORMATION,
TITLE OF INVENTION: BONE FORMATION, AND METHODS OF USE THEREOF
FILE REFERENCE: 3021.05US02

CURRENT APPLICATION NUMBER: US/10/360,849A
CURRENT FILING DATE: 2003-02-07
PRIOR APPLICATION NUMBER: US 60/354,978
PRIOR FILING DATE: 2002-02-07
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn version 3.2
SEQ ID NO 12
LENGTH: 261
TYPE: PRT
ORGANISM: danio rerio
US-10-360-849A-12

Query Match 90.9%; Score 30; DB 15; Length 261;
Best Local Similarity 83.3%; Pred. No. 1.4e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDASWL 6
Db 161 LDASWL 166

RESULT 11
US-10-360-849A-15
Sequence 15, Application US/10360849A
Publication No. US20030220249A1
GENERAL INFORMATION:
APPLICANT: Discovery Genomics, Inc.
APPLICANT: Hackett, Perry
APPLICANT: Nasevicius, Aldas
APPLICANT: Essner, Jeffrey
APPLICANT: Clark, Karl
APPLICANT: Larson, Jon
APPLICANT: Ekker, Stephen
APPLICANT: Roberg-Perez, Sharon
APPLICANT: Wadman, Shannon
TITLE OF INVENTION: FACTORS FOR ANGIOGENESIS, VASCULOGENESIS, CARTILAGE FORMATION,
TITLE OF INVENTION: BONE FORMATION, AND METHODS OF USE THEREOF
FILE REFERENCE: 3021.05US02
CURRENT APPLICATION NUMBER: US/10/360,849A
CURRENT FILING DATE: 2003-02-07
PRIOR APPLICATION NUMBER: US 60/354,978
PRIOR FILING DATE: 2002-02-07
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn version 3.2
SEQ ID NO 15
LENGTH: 261
TYPE: PRT
ORGANISM: mus musculus
US-10-360-849A-15

Query Match 90.9%; Score 30; DB 15; Length 261;
Best Local Similarity 83.3%; Pred. No. 1.4e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDASWL 6
Db 161 LDASWL 166

RESULT 12
US-10-360-849A-18
Sequence 18, Application US/10360849A
Publication No. US20030220249A1
GENERAL INFORMATION:
APPLICANT: Discovery Genomics, Inc.
APPLICANT: Hackett, Perry
APPLICANT: Nasevicius, Aldas
APPLICANT: Essner, Jeffrey
APPLICANT: Clark, Karl
APPLICANT: Larson, Jon
APPLICANT: Ekker, Stephen
APPLICANT: Roberg-Perez, Sharon
APPLICANT: Wadman, Shannon

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; TITLE OF INVENTION: FACTORS FOR ANGIOGENESIS, VASCULOGENESIS, CARTILAGE FORMATION,
; FILE REFERENCE: BONE FORMATION, AND METHODS OF USE THEREOF
; FILE REFERENCE: 3021.05US02
; CURRENT APPLICATION NUMBER: US/10/360,849A
; PRIOR FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 60/354,978
; PRIOR FILING DATE: 2002-02-07
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: Patent version 3.2
; SEQ ID NO 18
; LENGTH: 261
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-360-849A-18

Query Match
Best Local Similarity 90.9%; Score 30; DB 15; Length 261;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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QY 1 LDASWL 6
Db 161 LDASWV 166

RESULT 13
US-10-291-265-310
; Sequence 310, Application US/10291265
; Publication No. US20030232054A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; APPLICANT: Tang et al
; TITLE OF INVENTION: No. US20030232054A1 Nucleic Acids and Polypeptides
; FILE REFERENCE: 21272-017 (785)
; CURRENT APPLICATION NUMBER: US/10/291,265
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 09/491,404
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 09/517,746
; PRIOR FILING DATE: 2000-07-17
; PRIOR APPLICATION NUMBER: 09/531,451
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: 09/533,870
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 944
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 310
; LENGTH: 277
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-291-265-310
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Query Match
Best Local Similarity 90.9%; Score 30; DB 15; Length 277;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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QY 1 LDASWL 6
Db 161 LDASWV 166

RESULT 14
US-10-282-122A-52265
; Sequence 52265, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haebebeck, Robert
; APPLICANT: Ohlsen, Karl
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
```

```

; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: Patent version 3.1
; SEQ ID NO 52265
; LENGTH: 612
; TYPE: PRT
; ORGANISM: Clostridium botulinum
US-10-282-122A-52265

Query Match
Best Local Similarity 90.9%; Score 30; DB 12; Length 612;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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QY 1 LDASWL 6
Db 406 LDSSWL 411

RESULT 15
US-10-282-122A-67777
; Sequence 67777, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haebebeck, Robert
; APPLICANT: Ohlsen, Karl
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
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PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 67777
LENGTH: 686
TYPE: PRT
ORGANISM: Pseudomonas putida
FEATURE:
NAME/KEY: MISC_FEATURE
LOCATION: (40)..(40)
OTHER INFORMATION: X-any amino acid
US-10-282-122A-67777

Query Match 90.9%; Score 30; DB 12; Length 686;
Best Local Similarity 83.3%; Pred. No. 3.1e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDASWL 6
DB 346 LDASWL 351

Search completed: March 17, 2004, 18:45:28
Job time : 22.6711 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds

(Without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-11

Perfect score: 35

Sequence: 1 LDPSWL 6

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 1045404 seqs, 257433775 residues
Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Published Applications AA:*
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2: /cgn2_6/prodata/1/pubpaa/PCT_NEW_PUB.pep:*
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14: /cgn2_6/prodata/1/pubpaa/US10B_PUBCOMB.pep:*
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16: /cgn2_6/prodata/1/pubpaa/US10D_PUBCOMB.pep:*
17: /cgn2_6/prodata/1/pubpaa/US60_NEW_PUB.pep:*
18: /cgn2_6/prodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	35	100.0	6	9 US-09-847-940B-11	Sequence 11, Appl
2	35	100.0	6	10 US-09-847-946A-11	Sequence 11, Appl
3	35	100.0	6	10 US-09-847-946A-42	Sequence 42, Appl
4	35	100.0	6	10 US-09-847-946A-84	Sequence 88, Appl
5	35	100.0	7	10 US-09-847-946A-88	Sequence 88, Appl
6	35	100.0	8	10 US-09-847-946A-81	Sequence 81, Appl
7	35	100.0	8	10 US-09-847-946A-80	Sequence 89, Appl
8	35	100.0	9	10 US-09-847-946A-83	Sequence 83, Appl
9	35	100.0	9	10 US-09-847-946A-86	Sequence 86, Appl
10	35	100.0	9	10 US-09-847-946A-87	Sequence 87, Appl
11	35	100.0	10	10 US-09-847-946A-82	Sequence 82, Appl
12	35	100.0	10	10 US-09-847-946A-85	Sequence 85, Appl
13	35	100.0	11	10 US-09-847-946A-79	Sequence 79, Appl
14	35	100.0	12	US-10-282-122A-49573	Sequence 49573, A
15	35	100.0	484	12 US-10-282-122A-49573	Sequence 49573, A

15	33	94.3	265	9	US-09-881-752A-368	Sequence 368, App
17	33	94.3	868	15	US-10-369-493-22465	Sequence 22465, A
18	32	91.4	6	9	US-09-847-940B-12	Sequence 12, Appl
19	32	91.4	6	10	US-09-847-946A-12	Sequence 12, Appl
20	32	91.4	6	10	US-09-847-946A-95	Sequence 95, Appl
21	32	91.4	7	10	US-09-847-946A-99	Sequence 99, Appl
22	32	91.4	8	10	US-09-847-946A-92	Sequence 92, Appl
23	32	91.4	8	10	US-09-847-946A-100	Sequence 100, App
24	32	91.4	9	10	US-09-847-946A-91	Sequence 91, Appl
25	32	91.4	9	10	US-09-847-946A-94	Sequence 94, Appl
26	32	91.4	9	10	US-09-847-946A-97	Sequence 97, Appl
27	32	91.4	10	10	US-09-847-946A-98	Sequence 98, Appl
28	32	91.4	10	10	US-09-847-946A-93	Sequence 93, Appl
29	32	91.4	10	10	US-09-847-946A-96	Sequence 96, Appl
30	32	91.4	11	10	US-09-847-946A-80	Sequence 80, Appl
31	32	91.4	439	12	US-10-282-122A-68227	Sequence 68227, A
32	31	88.6	61	12	US-10-424-599-155428	Sequence 155428, A
33	31	88.6	64	12	US-10-424-599-178911	Sequence 178911, A
34	31	88.6	64	12	US-10-424-599-273735	Sequence 273735, A
35	31	88.6	91	12	US-10-424-599-254023	Sequence 254023, A
36	31	88.6	106	11	US-09-864-408A-5624	Sequence 5624, Ap
37	31	88.6	111	12	US-10-424-599-189937	Sequence 189937, A
38	31	88.6	116	12	US-10-424-599-189964	Sequence 189964, A
39	31	88.6	122	12	US-10-425-114-51421	Sequence 51421, A
40	31	88.6	125	14	US-10-424-599-185109	Sequence 185109, A
41	31	88.6	236	14	US-10-277-693A-11	Sequence 11, Appl
42	31	88.6	239	8	US-08-726-211-5	Sequence 5, Appl
43	31	88.6	239	12	US-10-003-632C-1	Sequence 1, Appl
44	31	88.6	239	12	US-10-003-632C-3	Sequence 3, Appl
45	31	88.6	239	12	US-10-003-632C-10	Sequence 10, Appl

ALIGNMENTS

RESULT 1
US-09-847-940B-11
Sequence 11, Application US/09847940B
Patent No. US2002015600A1
GENERAL INFORMATION:
APPLICANT: May, Michael J.
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-117CP
CURRENT APPLICATION NUMBER: US/09/847,940B
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 11
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
US-09-847-940B-11

Query Match 100.0%; Score 35; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDPSWL 6
|||||
DB 1 LDPSWL 6

RESULT 2
US-09-847-946A-11
Sequence 11, Application US/09847946A
Patent No. US2003005499A1
GENERAL INFORMATION:
APPLICANT: May, Michael J

```

; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 11
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-11
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Query Match          100.0%; Score 35; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 LDPSWL 6
        |||||
DB      1 LDPSWL 6
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RESULT 3
US-09-847-946A-42
; Sequence 42, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 42
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-42
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Query Match          100.0%; Score 35; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 LDPSWL 6
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DB      1 LDPSWL 6
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RESULT 4
US-09-847-946A-84
; Sequence 84, Application US/09847946A
; Publication No. US20030054999A1
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; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 84
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-84
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Query Match          100.0%; Score 35; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 LDPSWL 6
        |||||
DB      1 LDPSWL 6
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```

RESULT 5
US-09-847-946A-88
; Sequence 88, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 88
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-88
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Query Match          100.0%; Score 35; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 LDPSWL 6
        |||||
DB      1 LDPSWL 6
```

```

RESULT 6
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US-09-847-946A-81
; Sequence 81, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 81
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-81

Query Match 100.0%; Score 35; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDFSWL 6
DB 3 LDFSWL 8

RESULT 7
US-09-847-946A-89
; Sequence 89, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 89
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-89

Query Match 100.0%; Score 35; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDFSWL 6
DB 1 LDFSWL 6

RESULT 8
US-09-847-946A-80
; Sequence 80, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 80
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-80

Query Match 100.0%; Score 35; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDFSWL 6
DB 1 LDFSWL 6

RESULT 9
US-09-847-946A-83
; Sequence 83, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 83
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-83

Query Match 100.0%; Score 35; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFSWL 6
111111
Db 1 LDFSWL 6

RESULT 10

US-09-847-946A-86
; Sequence 86, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 86
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-86

Query Match 100.0%; Score 35; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFSWL 6
111111
Db 3 LDFSWL 8

RESULT 11

US-09-847-946A-87
; Sequence 87, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 87
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-87

Query Match 100.0%; Score 35; DB 10; Length 9;

Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 LDFSWL 6
111111
Db 2 LDFSWL 7

RESULT 12

US-09-847-946A-82
; Sequence 82, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 82
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-82

Query Match 100.0%; Score 35; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFSWL 6
111111
Db 2 LDFSWL 7

RESULT 13

US-09-847-946A-85
; Sequence 85, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 85
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-85

US-09-847-946A-85

Query Match 100.0%; Score 35; DB 10; Length 10;
 Best Local Similarity 100.0%; Pred. No. 14;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDFSML 6
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 Db 3 LDFSML 8

RESULT 14

US-09-847-946A-79
 ; Sequence 79, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Pindale, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hamling, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PRI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 79
 ; LENGTH: 11
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: NMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-79

Query Match 100.0%; Score 35; DB 10; Length 11;
 Best Local Similarity 100.0%; Pred. No. 15;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDFSML 6
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 Db 3 LDFSML 8

RESULT 15

US-10-282-122A-49573
 ; Sequence 49573, Application US/10282122A
 ; Publication No. US20040029129A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, Liangu
 ; APPLICANT: Zamudio, Carlos
 ; APPLICANT: Malone, Cheryl
 ; APPLICANT: Haselbeck, Robert
 ; APPLICANT: Ohlsen, Kari
 ; APPLICANT: Zyckind, Judith
 ; APPLICANT: Wall, Daniel
 ; APPLICANT: Trewick, John
 ; APPLICANT: Carr, Grant
 ; APPLICANT: Yamamoto, Robert
 ; APPLICANT: Forey, R.
 ; APPLICANT: Xu, H.
 ; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
 ; FILE REFERENCE: ELITRA, 034A
 ; CURRENT APPLICATION NUMBER: US/10/282,122A
 ; CURRENT FILING DATE: 2003-02-20
 ; PRIOR APPLICATION NUMBER: 60/191,078
 ; PRIOR FILING DATE: 2000-03-21
 ; PRIOR APPLICATION NUMBER: 60/206,848

;; PRIOR FILING DATE: 2000-05-23
 ;; PRIOR APPLICATION NUMBER: 60/207,727
 ;; PRIOR FILING DATE: 2000-05-26
 ;; PRIOR APPLICATION NUMBER: 60/230,335
 ;; PRIOR FILING DATE: 2000-09-06
 ;; PRIOR APPLICATION NUMBER: 60/230,347
 ;; PRIOR FILING DATE: 2000-09-09
 ;; PRIOR APPLICATION NUMBER: 60/242,578
 ;; PRIOR FILING DATE: 2000-10-23
 ;; PRIOR APPLICATION NUMBER: 60/253,625
 ;; PRIOR FILING DATE: 2000-11-27
 ;; PRIOR APPLICATION NUMBER: 60/257,931
 ;; PRIOR FILING DATE: 2000-12-22
 ;; PRIOR APPLICATION NUMBER: 60/267,636
 ;; PRIOR FILING DATE: 2001-02-09
 ;; PRIOR APPLICATION NUMBER: 60/269,308
 ;; PRIOR FILING DATE: 2001-02-16
 ;; Remaining Prior Application data removed - See File Wrapper or PALM.
 ;; NUMBER OF SEQ ID NOS: 78614
 ;; SOFTWARE: PatentIn version 3.1
 ;; SEQ ID NO 49573
 ;; LENGTH: 484
 ;; TYPE: PRT
 ;; ORGANISM: Burkholderia fungorum
 US-10-282-122A-49573

Query Match 100.0%; Score 35; DB 12; Length 484;
 Best Local Similarity 100.0%; Pred. No. 3,86+02;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDFSML 6
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 Db 383 LDFSML 388

Search completed: March 17, 2004, 18:45:29
 Job time : 22.6711 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-12

Perfect score: 36

Sequence: 1 LDYSWL 6

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Database : Published Applications AA:*

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18: /cgn2_6/prodata/1/pubppaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	36	100.0	6	9 US-09-847-946A-12	Sequence 12, Appl
2	36	100.0	6	10 US-09-847-946A-12	Sequence 12, Appl
3	36	100.0	6	10 US-09-847-946A-95	Sequence 99, Appl
4	36	100.0	7	10 US-09-847-946A-99	Sequence 99, Appl
5	36	100.0	8	10 US-09-847-946A-92	Sequence 92, Appl
6	36	100.0	8	10 US-09-847-946A-100	Sequence 100, Appl
7	36	100.0	9	10 US-09-847-946A-91	Sequence 91, Appl
8	36	100.0	9	10 US-09-847-946A-97	Sequence 94, Appl
9	36	100.0	9	10 US-09-847-946A-98	Sequence 97, Appl
10	36	100.0	9	10 US-09-847-946A-98	Sequence 98, Appl
11	36	100.0	10	10 US-09-847-946A-93	Sequence 93, Appl
12	36	100.0	10	10 US-09-847-946A-96	Sequence 96, Appl
13	36	100.0	11	10 US-09-847-946A-90	Sequence 90, Appl
14	33	91.7	73	15 US-10-074-978A-310	Sequence 310, App
15	33	91.7	139	12 US-10-424-599-261A63	Sequence 261A63,

16	33	91.7	314	15 US-10-074-978A-66	Sequence 66, Appl
17	33	91.7	320	15 US-10-074-978A-68	Sequence 68, Appl
18	33	91.7	404	14 US-10-225-567A-480	Sequence 480, Appl
19	33	91.7	404	15 US-10-074-978A-64	Sequence 64, Appl
20	33	91.7	404	15 US-10-074-978A-304	Sequence 304, Appl
21	32	86.9	6	9 US-09-847-946A-11	Sequence 11, Appl
22	32	86.9	6	10 US-09-847-946A-11	Sequence 11, Appl
23	32	86.9	6	10 US-09-847-946A-12	Sequence 12, Appl
24	32	86.9	6	10 US-09-847-946A-84	Sequence 84, Appl
25	32	86.9	7	10 US-09-847-946A-88	Sequence 88, Appl
26	32	86.9	8	10 US-09-847-946A-81	Sequence 81, Appl
27	32	86.9	8	10 US-09-847-946A-89	Sequence 89, Appl
28	32	86.9	9	10 US-09-847-946A-80	Sequence 80, Appl
29	32	86.9	9	10 US-09-847-946A-83	Sequence 83, Appl
30	32	86.9	9	10 US-09-847-946A-86	Sequence 86, Appl
31	32	86.9	9	10 US-09-847-946A-87	Sequence 87, Appl
32	32	86.9	10	10 US-09-847-946A-82	Sequence 82, Appl
33	32	86.9	10	10 US-09-847-946A-85	Sequence 85, Appl
34	32	86.9	11	10 US-09-847-946A-79	Sequence 79, Appl
35	32	86.9	69	9 US-09-864-761-36612	Sequence 36612, A
36	32	86.9	71	10 US-09-969-730-172	Sequence 172, App
37	32	86.9	71	10 US-10-621-363-172	Sequence 172, App
38	32	86.9	72	10 US-09-774-639-171	Sequence 171, App
39	32	86.9	168	12 US-10-424-599-270766	Sequence 270766,
40	32	86.9	169	12 US-10-424-599-193422	Sequence 193422,
41	32	86.9	278	14 US-10-420-511-11	Sequence 11, Appl
42	32	86.9	403	12 US-10-424-599-170818	Sequence 170818,
43	32	86.9	404	14 US-10-307-294-8	Sequence 8, Appl
44	32	86.9	484	12 US-10-282-122A-49573	Sequence 49573, A
45	32	86.9	547	15 US-10-369-493-11197	Sequence 11197, A

ALIGNMENTS

RESULT 1
US-09-847-946A-12
; Sequence 12, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sanjay
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 12
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
US-09-847-946A-12

Query Match 100.0%; Score 36; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 1 LDYSWL 6
Db 1 LDYSWL 6
RESULT 2
US-09-847-946A-12
; Sequence 12, Application US/09847940B
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

```
APPLICANT: Ghosh, Sankar
APPLICANT: Findels, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 12
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-12
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Query Match          100.0%; Score 36; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy      1 LDYSWL 6
        |||||
Db      1 LDYSWL 6
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RESULT 3
US-09-847-946A-95
; Sequence 95, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 95
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-95
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Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy      1 LDYSWL 6
        |||||
Db      1 LDYSWL 6
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RESULT 4
US-09-847-946A-99
; Sequence 99, Application US/09847946A
; Publication No. US20030054999A1
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GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Findels, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 99
LENGTH: 7
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-99
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Query Match          100.0%; Score 36; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy      1 LDYSWL 6
        |||||
Db      1 LDYSWL 6
```

```
RESULT 5
US-09-847-946A-92
; Sequence 92, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 92
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-92
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Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Oy      1 LDYSWL 6
        |||||
Db      3 LDYSWL 8
```

```
RESULT 6
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US-09-847-946A-100
; Sequence 100, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 100
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-100

Query Match          100.0%; Score 36; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LDYSWL 6
Db      1 LDYSWL 6

RESULT 7
US-09-847-946A-91
; Sequence 91, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
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; SEQ ID NO 91
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-91

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Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LDYSWL 6
Db      1 LDYSWL 6
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RESULT 8
US-09-847-946A-94
; Sequence 94, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 94
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-94

Query Match          100.0%; Score 36; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LDYSWL 6
Db      1 LDYSWL 6

RESULT 9
US-09-847-946A-97
; Sequence 97, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 97
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-97

Query Match          100.0%; Score 36; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy 1 LDYSWL 6
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Db 3 LDYSWL 8

RESULT 10

US-09-847-946A-98
; Sequence 98, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 98
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-98

Query Match 100.0%; Score 36; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 LDYSWL 6
|||||
Db 2 LDYSWL 7

RESULT 11

US-09-847-946A-93
; Sequence 93, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 93
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-93

Query Match 100.0%; Score 36; DB 10; Length 10;

Best Local Similarity 100.0%; Pred. No. 11;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 1 LDYSWL 6
|||||
Db 2 LDYSWL 7

RESULT 12

US-09-847-946A-96
; Sequence 96, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 96
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-96

Query Match 100.0%; Score 36; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 LDYSWL 6
|||||
Db 3 LDYSWL 8

RESULT 13

US-09-847-946A-90
; Sequence 90, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 90
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-90

US-09-847-946A-90

Query Match Similarity 100.0%; Score 36; DB 10; Length 11;
 Best Local Similarity 100.0%; Pred. No. 12;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDYSWL 6
 |||||
 Db 3 LDYSWL 8

RESULT 14

US-10-074-978A-310
 ; Sequence 310, Application US/10074978A
 ; Publication No. US20040010119A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Leite, Mario
 ; APPLICANT: Spytek, Kimberly A
 ; APPLICANT: Guo, Xiaojia (Sasha)
 ; APPLICANT: Fernandes, Elma
 ; APPLICANT: Li, Li
 ; APPLICANT: Kekuda, Rameesh
 ; APPLICANT: Liu, Xiahong
 ; APPLICANT: Caeman, Stacie
 ; APPLICANT: Boldog, Ferenc
 ; APPLICANT: Patuturajan, Meera
 ; APPLICANT: Biablock, Angela
 ; APPLICANT: Ballinger, Robert
 ; APPLICANT: Vernet, Corine
 ; APPLICANT: Tcherev, Velizar T
 ; APPLICANT: Malyankar, Urfel M
 ; APPLICANT: Gusev, Vladimir
 ; APPLICANT: Rastelli, Luca
 ; APPLICANT: Mezes, Peter S
 ; APPLICANT: Ellerman, Karen
 ; APPLICANT: Heyes, Melvin P
 ; APPLICANT: Herrman, John
 ; APPLICANT: Pena, Carol E A
 ; APPLICANT: Shinkete, Richard A
 ; APPLICANT: Taupler Jr, Raymond J
 ; APPLICANT: Moore, No. US20040010119A111e
 ; APPLICANT: Shenoy, Suresh
 ; APPLICANT: Edinger, Shlomit
 ; APPLICANT: Gunther, Erik
 ; APPLICANT: Stone, Dave
 ; APPLICANT: Miller, Isabelle
 ; APPLICANT: Peyman, John
 ; APPLICANT: Smithson, Glenda
 ; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
 ; FILE REFERENCE: 21402-269
 ; CURRENT APPLICATION NUMBER: US/10/074,978A
 ; CURRENT FILING DATE: 2003-01-07
 ; PRIOR APPLICATION NUMBER: 60/268,221
 ; PRIOR FILING DATE: 2001-02-12
 ; PRIOR APPLICATION NUMBER: 60/335,109
 ; PRIOR FILING DATE: 2001-10-31
 ; PRIOR APPLICATION NUMBER: 60/312,284
 ; PRIOR FILING DATE: 2001-08-14
 ; PRIOR APPLICATION NUMBER: 60/268,496
 ; PRIOR FILING DATE: 2001-02-13
 ; PRIOR APPLICATION NUMBER: 60/276,703
 ; PRIOR FILING DATE: 2001-03-16
 ; PRIOR APPLICATION NUMBER: 60/330,293
 ; PRIOR FILING DATE: 2001-10-18
 ; PRIOR APPLICATION NUMBER: 60/322,127
 ; PRIOR FILING DATE: 2001-11-21
 ; PRIOR APPLICATION NUMBER: 60/280,899
 ; PRIOR FILING DATE: 2001-04-02
 ; PRIOR APPLICATION NUMBER: 60/310,797
 ; PRIOR FILING DATE: 2001-08-08
 ; PRIOR APPLICATION NUMBER: 60/268,646
 ; PRIOR FILING DATE: 2001-02-14
 ; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 547
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 310
 ; LENGTH: 73
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-074-978A-310

Query Match Similarity 91.7%; Score 33; DB 15; Length 73;
 Best Local Similarity 83.3%; Pred. No. 1.8e+02;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDYSWL 6
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 Db 46 LDYTWL 51

RESULT 15

US-10-424-599-261463
 ; Sequence 261463, Application US/10424599
 ; Publication No. US20040031072A1
 ; GENERAL INFORMATION:
 ; APPLICANT: La Rosa Thomas J
 ; APPLICANT: Kovalic David K
 ; APPLICANT: Zhou Yihua
 ; APPLICANT: Cao Yongwei
 ; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
 ; FILE REFERENCE: 38-21(53223)B
 ; CURRENT APPLICATION NUMBER: US/10/424,599
 ; CURRENT FILING DATE: 2003-04-28
 ; NUMBER OF SEQ ID NOS: 265684
 ; SEQ ID NO 261463
 ; LENGTH: 139
 ; TYPE: PRT
 ; ORGANISM: Glycine max
 ; NAME/KEY: unsure
 ; LOCATION: (1)..(139)
 ; OTHER INFORMATION: unsure at all Xaa locations
 ; FEATURE:
 ; OTHER INFORMATION: Clone ID: PAT_MRT3847_78123C.1.pap
 ; US-10-424-599-261463

Query Match Similarity 91.7%; Score 33; DB 12; Length 139;
 Best Local Similarity 83.3%; Pred. No. 3.2e+02;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDYSWL 6
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 Db 99 LDYTWL 104

Search completed: March 17, 2004, 18:45:29
 Job time : 21.6711 secs

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OM protein - protein search, using SW model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-13

Perfect score: 33

Sequence: 1 LDMSAL 6

Scoring table: BLOSUM62
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Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

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17: /cgn2_6/prodata/1/pubpaa/US60_NEW_PUB.pep:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	33	100.0	6	9 US-09-847-940B-13	Sequence 13, Appl
2	33	100.0	6	10 US-09-847-946A-13	Sequence 13, Appl
3	33	100.0	451	12 US-10-282-122A-48001	Sequence 48001, A
4	31	93.9	53	14 US-10-148-786A-25	Sequence 25, Appl
5	31	93.9	77	14 US-10-148-786A-8	Sequence 8, Appl
6	31	93.9	333	15 US-10-369-493-2852	Sequence 2852, Ap
7	31	93.9	334	15 US-10-217-574-18	Sequence 18, Appl
8	31	93.9	334	15 US-10-217-574-18	Sequence 18, Appl
9	31	93.9	502	9 US-09-895-072-13	Sequence 13, Appl
10	31	93.9	502	9 US-09-986-552-13	Sequence 13, Appl
11	31	93.9	502	14 US-10-023-888-16	Sequence 16, Appl
12	31	93.9	502	14 US-10-023-889-16	Sequence 16, Appl
13	31	93.9	502	14 US-10-023-890-16	Sequence 16, Appl
14	31	93.9	502	14 US-10-024-197-16	Sequence 16, Appl
15	31	93.9	502	14 US-10-023-894-16	Sequence 16, Appl

15	31	93.9	502	14	US-10-306-686-13	Sequence 13, Appl
17	31	93.9	652	15	US-10-120-801-91	Sequence 91, Appl
18	31	93.9	984	13	US-10-028-905-10	Sequence 10, Appl
19	31	93.9	984	15	US-10-354-358-106	Sequence 106, App
20	31	93.9	1394	14	US-10-369-493-22353	Sequence 22353, A
21	30	90.9	138	14	US-10-029-386-41138	Sequence 34138, A
22	30	90.9	191	12	US-10-424-599-158546	Sequence 158546,
23	30	90.9	208	15	US-10-369-493-23401	Sequence 23401, A
24	30	90.9	368	12	US-10-282-122A-49942	Sequence 49942, A
25	30	90.9	403	14	US-10-156-761-14428	Sequence 14428, A
26	30	90.9	476	15	US-10-310-154-397	Sequence 397, App
27	30	90.9	516	13	US-10-119-635-2	Sequence 2, Appl1
28	30	90.9	1293	15	US-10-084-846A-50	Sequence 50, Appl1
29	30	90.9	2747	15	US-10-402-842-2	Sequence 2, Appl1
30	30	90.9	19725	15	US-10-084-846A-4	Sequence 4, Appl1
31	29	87.9	175	15	US-10-320-797-3024	Sequence 3024, Ap
32	29	87.9	195	12	US-10-425-114-70395	Sequence 70395, A
33	29	87.9	203	12	US-10-425-114-53792	Sequence 53792, A
34	29	87.9	203	14	US-10-262-473-4	Sequence 4, Appl1
35	29	87.9	223	14	US-10-262-473-2	Sequence 2, Appl1
36	29	87.9	226	12	US-10-424-599-195787	Sequence 195787,
37	29	87.9	228	15	US-10-084-846A-16	Sequence 16, Appl
38	29	87.9	250	12	US-10-425-114-59435	Sequence 59435, A
39	29	87.9	255	12	US-10-282-122A-51101	Sequence 51101, A
40	29	87.9	267	14	US-10-156-761-14290	Sequence 14290, A
41	29	87.9	292	14	US-10-238-075-301	Sequence 301, App
42	29	87.9	297	10	US-09-557-796-30	Sequence 30, Appl
43	29	87.9	309	12	US-10-282-122A-77504	Sequence 77504, A
44	29	87.9	350	14	US-10-314-657-11	Sequence 11, Appl
45	29	87.9	306	12	US-10-424-599-196993	Sequence 196993,

ALIGNMENTS

RESULT 1
US-09-847-940B-13
Sequence 13, Application US/09847940B
Patent No. US20020156000A1
GENERAL INFORMATION:
APPLICANT: May, Michael J.
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-117CP
CURRENT APPLICATION NUMBER: US/09/847,940B
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 13
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
US-09-847-940B-13

Query Match 100.0%; Score 33; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSAL 6
Db 1 LDMSAL 6

RESULT 2
US-09-847-946A-13
Sequence 13, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J

APPLICANT: Ghosh, Sankar
APPLICANT: Pindis, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 13
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD peptide
US-09-847-946A-13

Query Match 100.0%; Score 33; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSAL 6
DB 1 LDMSAL 6

RESULT 3
US-10-282-122A-48001
Sequence 48001, Application US/10282122A
GENERAL INFORMATION:
APPLICANT: Wang, Liangou
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
APPLICANT: Carr, Grant
APPLICANT: Yamamoto, Robert
APPLICANT: Forey, R.
APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA 0348
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See file wrapper or PALM.

NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 48001
LENGTH: 451
TYPE: PRT
ORGANISM: Burkholderia cepacia
US-10-282-122A-48001

Query Match 100.0%; Score 33; DB 12; Length 451;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSAL 6
DB 78 LDMSAL 83

RESULT 4
US-10-148-786A-25
Sequence 25, Application US/10148786A
GENERAL INFORMATION:
APPLICANT: Alessi, Dario
APPLICANT: Biondi, Riccardo
TITLE OF INVENTION: Protein Kinase Regulation
FILE REFERENCE: 002.00210
CURRENT APPLICATION NUMBER: US/10/148,786A
CURRENT FILING DATE: 2003-01-08
NUMBER OF SEQ ID NOS: 68
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 25
LENGTH: 53
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Polypeptide
US-10-148-786A-25

Query Match 93.9%; Score 31; DB 14; Length 53;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSAL 6
DB 12 LDMSAL 17

RESULT 5
US-10-148-786A-8
Sequence 8, Application US/10148786A
GENERAL INFORMATION:
APPLICANT: Alessi, Dario
APPLICANT: Biondi, Riccardo
TITLE OF INVENTION: Protein Kinase Regulation
FILE REFERENCE: 002.00210
CURRENT APPLICATION NUMBER: US/10/148,786A
CURRENT FILING DATE: 2003-01-08
NUMBER OF SEQ ID NOS: 68
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 77
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Polypeptide
US-10-148-786A-8

Query Match 93.9%; Score 31; DB 14; Length 77;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSAL 6

Db :|||||
12 LDMSAL 17

RESULT 6
US-10-369-493-2852
; Sequence 2852, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 2852
; LENGTH: 333
; TYPE: PRT
; ORGANISM: *Synechocystis* sp.
US-10-369-493-2852

Query Match 93.9%; Score 31; DB 15; Length 333;
Best Local Similarity 83.3%; Pred. No. 1.2e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMSAL 6
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Db 146 LDMSAL 151

RESULT 7
US-10-217-574-18
; Sequence 18, Application US/10217574
; Publication No. US20040005687A1
; GENERAL INFORMATION:
; APPLICANT: Barford, David
; APPLICANT: Yang, Jing
; APPLICANT: Hemmings, Brian A
; APPLICANT: Cron, Peter D
; TITLE OF INVENTION: Kinase Crystal Structures
; FILE REFERENCE: 44237
; CURRENT APPLICATION NUMBER: US/10/217,574
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: GB 0119860.5
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: GB 0209985.1
; PRIOR FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: GB 0216215.4
; PRIOR FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 334
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Sequence source
US-10-217-574-18

Query Match 93.9%; Score 31; DB 15; Length 334;
Best Local Similarity 83.3%; Pred. No. 1.2e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy 1 LDMSAL 6
:|||||

Db 269 LDMSAL 274

RESULT 8
US-10-217-555-18
; Sequence 18, Application US/10217555
; Publication No. US20040009569A1
; GENERAL INFORMATION:
; APPLICANT: Barford, David
; APPLICANT: Yang, Jing
; APPLICANT: Hemmings, Brian A
; APPLICANT: Cron, Peter D
; TITLE OF INVENTION: Kinase Crystal Structures and Materials and Methods for
; TITLE OF INVENTION: Kinase Activation
; FILE REFERENCE: 44236
; CURRENT APPLICATION NUMBER: US/10/217,555
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: GB 0119860.5
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: GB 0209985.1
; PRIOR FILING DATE: 2002-05-01
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 334
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Sequence source
US-10-217-555-18

Query Match 93.9%; Score 31; DB 15; Length 334;
Best Local Similarity 83.3%; Pred. No. 1.2e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMSAL 6
:|||||
Db 269 LDMSAL 274

RESULT 9
US-09-895-072-13
; Sequence 13, Application US/09895072
; Patent No. US2002025550A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, WILLIAM M
; TITLE OF INVENTION: METHODS FOR PRODUCING HIGHLY PHOSPHORYLATED LYSOSOMAL HYDROLASES
; FILE REFERENCE: 210119USOCNT
; CURRENT APPLICATION NUMBER: US/09/895,072
; PRIOR FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: 60/153,831
; PRIOR FILING DATE: 1999-09-14
; PRIOR APPLICATION NUMBER: US 09/635,872
; PRIOR FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 502
; TYPE: PRT
; ORGANISM: *Drosophila melanogaster*
US-09-895-072-13

Query Match 93.9%; Score 31; DB 9; Length 502;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy 1 LDMSAL 6
:|||||
Db 372 LDMSAL 377
RESULT 10

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US-09-986-552-13
; Sequence 13, Application US/09986552
; Patent No. US20020150981A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, William
; TITLE OF INVENTION: METHODS FOR PRODUCING HIGHLY PHOSPHORYLATED LYSOSOMAL HYDROLASES
; FILE REFERENCE: 215089877DIV
; CURRENT APPLICATION NUMBER: US/09/986,552
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: 09/635,872
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: 60/153,831
; PRIOR FILING DATE: 1999-09-14
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 502
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-986-552-13

Query Match          93.9%; Score 31; DB 9; Length 502;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDMSAL 6
        |||||:
Db      372 LDMSAM 377

RESULT 11
US-10-023-888-16
; Sequence 16, Application US/10023888
; Publication No. US20030119088A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, William
; TITLE OF INVENTION: SOLUBLE GLCNAC PHOSPHOTRANSFERASE
; FILE REFERENCE: 203515US77
; CURRENT APPLICATION NUMBER: US/10/023,888
; CURRENT FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 502
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-10-023-888-16

Query Match          93.9%; Score 31; DB 14; Length 502;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDMSAL 6
        |||||:
Db      372 LDMSAM 377

RESULT 12
US-10-023-889-16
; Sequence 16, Application US/10023889
; Publication No. US20030124652A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, William
; TITLE OF INVENTION: METHODS OF PRODUCING HIGH MANNOSE GLYCOPROTEINS IN COMPLEX CARBO
; FILE REFERENCE: 203512US77
; CURRENT APPLICATION NUMBER: US/10/023,889
; CURRENT FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 502
; TYPE: PRT

US-10-023-889-16
; Sequence 16, Application US/10023890
; Publication No. US20030124653A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, William
; TITLE OF INVENTION: METHOD OF PRODUCING GLYCOPROTEINS HAVING REDUCED COMPLEX CARBOH
; FILE REFERENCE: 203510US77
; CURRENT APPLICATION NUMBER: US/10/023,890
; CURRENT FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 502
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-10-023-890-16

Query Match          93.9%; Score 31; DB 14; Length 502;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDMSAL 6
        |||||:
Db      372 LDMSAM 377

RESULT 13
US-10-023-894-16
; Sequence 16, Application US/10023894
; Publication No. US20030124659A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, William
; TITLE OF INVENTION: TREATING GAUCHER'S DISEASE
; FILE REFERENCE: 209794US0
; CURRENT APPLICATION NUMBER: US/10/024,197
; CURRENT FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 502
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-10-024-197-16

Query Match          93.9%; Score 31; DB 14; Length 502;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDMSAL 6
        |||||:
Db      372 LDMSAM 377

RESULT 14
US-10-024-197-16
; Sequence 16, Application US/10024197
; Publication No. US20030133924A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, William
; TITLE OF INVENTION: HIGHLY PHOSPHORYLATED ACID BETA-GLUCOCEREBROSIDASE AND METHODS
; FILE REFERENCE: 209794US0
; CURRENT APPLICATION NUMBER: US/10/024,197
; CURRENT FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 502
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-10-024-197-16

Query Match          93.9%; Score 31; DB 14; Length 502;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDMSAL 6
        |||||:
Db      372 LDMSAM 377

RESULT 15
US-10-023-894-16
; Sequence 16, Application US/10023894
; Publication No. US20030143669A1
; GENERAL INFORMATION:
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; APPLICANT: CANFIELD, William
 ; APPLICANT: KORNFIELD, Stuart
 ; TITLE OF INVENTION: EXPRESSION OF LYSOSOMAL HYDROLASE IN CELLS EXPRESSING PRO-N-
 ; TITLE OF INVENTION: ACETYLGUCOSAMINE-1-PHOSPHODIESTER ALPHA-N-ACETYL GLUCOSAMINIDAS
 ; FILE REFERENCE: 217139097
 ; CURRENT APPLICATION NUMBER: US/10/023,894
 ; CURRENT FILING DATE: 2001-12-21
 ; NUMBER OF SEQ ID NOS: 22
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO: 16
 ; LENGTH: 502
 ; TYPE: PRT
 ; ORGANISM: Drosophila melanogaster
 US-10-023-894-16

Query Match 93.9%; Score 31; DB 14; Length 502;
 Best Local Similarity 83.3%; Pred. No. 1.7e+03;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 QY 1 LDWSAL 6
 DB 372 LDWSAM 377

Search completed: March 17, 2004, 18:45:30
 Job time : 22.6711 secs

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OM protein - protein search, using SW model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds

(Without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-14

Perfect score: 35

Sequence: 1 LDMSFL 6

Scoring table: BLOSUM62

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Database : Listing first 45 summaries

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5: /cgn2_6/ptodata/1/pubppa/US07_NEW_PUB.pep.*
6: /cgn2_6/ptodata/1/pubppa/PCTUS_PUBCOMB.pep.*
7: /cgn2_6/ptodata/1/pubppa/US08_NEW_PUB.pep.*
8: /cgn2_6/ptodata/1/pubppa/US08_PUBCOMB.pep.*
9: /cgn2_6/ptodata/1/pubppa/US09_PUBCOMB.pep.*
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16: /cgn2_6/ptodata/1/pubppa/US10C_NEW_PUB.pep.*
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18: /cgn2_6/ptodata/1/pubppa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	35	100.0	6	9 US-09-847-940B-14	Sequence 14, Appl
2	35	100.0	6	10 US-09-847-946A-14	Sequence 14, Appl
3	33	94.3	218	11 US-09-863-776-50	Sequence 50, Appl
4	33	94.3	218	11 US-09-861-151A-91	Sequence 91, Appl
5	33	94.3	218	11 US-10-072-012-859	Sequence 859, App
6	33	94.3	218	14 US-10-032-189-107	Sequence 107, App
7	33	94.3	827	15 US-10-347-470A-26	Sequence 26, Appl
8	32	91.4	6	9 US-09-847-940B-15	Sequence 15, Appl
9	32	91.4	6	10 US-09-847-946A-15	Sequence 15, Appl
10	32	91.4	46	12 US-10-424-599-164997	Sequence 164997, A
11	32	91.4	56	9 US-09-764-877-1782	Sequence 1782, Ap
12	32	91.4	56	15 US-10-242-515-1782	Sequence 1782, Ap
13	32	91.4	134	15 US-10-424-599-279686	Sequence 279686, A
14	32	91.4	743	12 US-10-104-047-2340	Sequence 2340, Ap
15	31	88.6	60	12 US-10-424-599-217549	Sequence 217549, A

16	31	88.6	81	12	US-10-424-599-255178	Sequence 255178, A
17	31	88.6	124	9	US-09-925-302-460	Sequence 460, App
18	31	88.6	147	12	US-10-425-114-72069	Sequence 72069, A
19	31	88.6	147	12	US-10-425-114-72070	Sequence 72070, A
20	31	88.6	157	9	US-09-738-626-4783	Sequence 4783, Ap
21	31	88.6	184	14	US-10-078-770-86	Sequence 86, Appl
22	31	88.6	238	14	US-10-078-770-96	Sequence 96, Appl
23	31	88.6	264	14	US-10-097-111-300	Sequence 300, App
24	31	88.6	273	12	US-10-425-114-53924	Sequence 53924, A
25	31	88.6	282	12	US-10-425-114-48772	Sequence 48772, A
26	31	88.6	305	14	US-10-032-189-106	Sequence 90, Appl
27	31	88.6	317	14	US-10-078-770-90	Sequence 90, Appl
28	31	88.6	326	12	US-10-424-599-269951	Sequence 269951, A
29	31	88.6	358	15	US-10-438-537-4	Sequence 4, Appl
30	31	88.6	358	15	US-10-239-027-1228	Sequence 1228, Ap
31	31	88.6	413	14	US-10-032-189-106	Sequence 106, App
32	31	88.6	416	14	US-10-032-189-105	Sequence 105, App
33	31	88.6	417	14	US-10-032-189-104	Sequence 104, App
34	31	88.6	433	10	US-09-863-776-48	Sequence 48, Appl
35	31	88.6	435	14	US-10-032-189-102	Sequence 102, App
36	31	88.6	435	14	US-10-032-189-103	Sequence 103, App
37	31	88.6	515	15	US-10-108-260A-3041	Sequence 3041, Ap
38	31	88.6	1025	14	US-10-195-144-7	Sequence 7, Appl
39	31	88.6	1025	15	US-10-345-072-7	Sequence 7, Appl
40	31	88.6	1285	15	US-10-369-493-12354	Sequence 12354, A
41	30	85.7	6	9	US-09-847-940B-2	Sequence 2, Appl
42	30	85.7	6	10	US-09-847-946A-2	Sequence 2, Appl
43	30	85.7	6	10	US-09-847-946A-33	Sequence 33, Appl
44	30	85.7	7	10	US-09-847-946A-37	Sequence 37, Appl
45	30	85.7	8	10	US-09-847-946A-30	Sequence 30, Appl

ALIGNMENTS

RESULT 1
US-09-847-940B-14
Sequence 14, Application US/09847940B
Patent No. US20020156000A1
GENERAL INFORMATION:
APPLICANT: May, Michael J.
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-117CP
CURRENT APPLICATION NUMBER: US/09/847, 940B
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 14
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
US-09-847-940B-14

Query Match 100.0%; Score 35; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSFL 6
Db 1 LDMSFL 6

RESULT 2
US-09-847-946A-14
Sequence 14, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J

APPLICANT: Ghosh, Sankar
APPLICANT: Finkel, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 14
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD peptide
US-09-847-946A-14

Query Match 100.0%; Score 35; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMSFL 6
Db 1 LDMSFL 6

RESULT 3
US-09-863-776-50
Sequence 50, Application US/09863776
Publication No. US20030198953A1
GENERAL INFORMATION:
APPLICANT: Spytek, Kimberly A
APPLICANT: Majumder, Kundu
APPLICANT: Tchernev, Vellizar T
APPLICANT: Mishra, Vishnu
APPLICANT: Padigaru, Muralidhara
APPLICANT: Spaderu, Steven K
APPLICANT: Shenoy, Suresh G
APPLICANT: Rastelli, Luca
APPLICANT: Li, Li
APPLICANT: Taupier, Raymond J
APPLICANT: Gangoli, Esha
TITLE OF INVENTION: No. US20030198953A1 Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-020
CURRENT APPLICATION NUMBER: US/09/863,776
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: 09/540,763
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: 60/206,679
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: 60/206,688
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: 60/206,829
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: 60/207,748
PRIOR FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 60/207,798
PRIOR FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 60/208,263
PRIOR FILING DATE: 2000-05-31
PRIOR APPLICATION NUMBER: 60/208,831
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: 60/209,451
PRIOR FILING DATE: 2000-06-05
PRIOR APPLICATION NUMBER: 60/210,060
PRIOR FILING DATE: 2000-06-07
PRIOR APPLICATION NUMBER: 60/219,507
PRIOR FILING DATE: 2000-07-20

PRIOR APPLICATION NUMBER: 60/221,337
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: 60/221,927
PRIOR FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: 60/263,135
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: 60/263,688
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: 60/263,694
PRIOR FILING DATE: 2001-01-24
NUMBER OF SEQ ID NOS: 155
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 50
LENGTH: 218
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Consensus Sequence
US-09-863-776-50

Query Match 94.3%; Score 33; DB 10; Length 218;
Best Local Similarity 83.3%; Pred. No. 5.1e+07;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMSFL 6
Db 1 LDMSFL 6

RESULT 4
US-09-981-151A-91
Sequence 91, Application US/09981151A
Publication No. US20030212256A1
GENERAL INFORMATION:
APPLICANT: Edinger, Shlomit R
APPLICANT: Gerlach, Valerie
APPLICANT: MacDougall, John R
APPLICANT: Walyankar, Murtiel M
APPLICANT: Smithson, Glenda
APPLICANT: Miller, Isabelle
APPLICANT: Peyman, John A
APPLICANT: Stone, David J
APPLICANT: Gunther, Erik
APPLICANT: Ellerman, Karen
APPLICANT: Shimkets, Richard A
APPLICANT: Padigaru, Muralidhara
APPLICANT: Guo, Xiaojia
APPLICANT: Patlurajan, Meera
APPLICANT: Taupier Jr, Raymond J
APPLICANT: Burgess, Catherine E
APPLICANT: Zeehuseen, Bryan D
APPLICANT: Kekuda, Ramesh
APPLICANT: Spytek, Kimberly A
APPLICANT: Gangoli, Esha A
APPLICANT: Fernandes, Elma R
APPLICANT: Gorman, Linda
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-168
CURRENT APPLICATION NUMBER: US/09/981,151A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 60/241,040
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/241,058
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/241,063
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/241,243
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/242,152
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/242,482
PRIOR FILING DATE: 2000-10-23

PRIOR APPLICATION NUMBER: 60/242,611
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/242,612
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/242,880
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: 60/242,881
PRIOR FILING DATE: 2000-10-24
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NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO: 91
LENGTH: 218
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Connexin
OTHER INFORMATION: Consensus Sequence
US-09-981-151A-91

Query Match 94.3%; Score 33; DB 11; Length 218;
Best Local Similarity 83.3%; Pred. NO. 5.1e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMSFL 6
Db 1 MDMSFL 6

RESULT 5

US-10-072-012-859
Sequence 859, Application US/10072012
Publication No. US2004003433A1
GENERAL INFORMATION:
APPLICANT: Tchenev, Velizar
APPLICANT: Spytek, Kimberly
APPLICANT: Zethusen, Bryan
APPLICANT: Paturajan, Meera
APPLICANT: Shimkets, Richard
APPLICANT: Li, Li
APPLICANT: Gangoli, Eshe
APPLICANT: Padigaru, Muralidhara
APPLICANT: Anderson, David W.
APPLICANT: Rastelli, Luca
APPLICANT: Miller, Charles E.
APPLICANT: Gerlach, Valerie
APPLICANT: Taupier Jr, Raymond J.
APPLICANT: Guev, Vladimír Y.
APPLICANT: Coleman, Steven D.
APPLICANT: Wolenc, Adam R.
APPLICANT: Pena, Carol E. A
APPLICANT: Furtak, Katarzyna
APPLICANT: Grosse, William M.
APPLICANT: Alsobrook II, John P.
APPLICANT: Lepley, Denise M.
APPLICANT: Rieger, Daniel K.
APPLICANT: Burgess, Catherine E.
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-258
CURRENT APPLICATION NUMBER: US/10/072,012
CURRENT FILING DATE: 2002-01-31
PRIOR APPLICATION NUMBER: 60/265,102
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 60/265,514
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/265,517
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/265,412
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/265,395
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/266,406
PRIOR FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: 60/266,767
PRIOR FILING DATE: 2001-02-05
PRIOR APPLICATION NUMBER: 60/267,057
PRIOR FILING DATE: 2001-02-07
PRIOR APPLICATION NUMBER: 60/266,975
PRIOR FILING DATE: 2001-02-07
PRIOR APPLICATION NUMBER: 60/267,459
PRIOR FILING DATE: 2001-02-08
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1391
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO: 859
LENGTH: 218
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Connexin
OTHER INFORMATION: Consensus Sequence
US-10-072-012-859

Query Match 94.3%; Score 33; DB 12; Length 218;
Best Local Similarity 83.3%; Pred. NO. 5.1e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMSFL 6
Db 1 MDMSFL 6

RESULT 6

US-10-032-189-107
Sequence 107, Application US/10032189
Publication No. US20030170630A1
GENERAL INFORMATION:
APPLICANT: Alsobrook II, John P
APPLICANT: Tchenev, Velizar T
APPLICANT: Liu, Xiaohong
APPLICANT: Spytek, Kimberly A
APPLICANT: Zethusen, Bryan D
APPLICANT: Paturajan, Meera
APPLICANT: Grosse, William M
APPLICANT: Lepley, Denise M
APPLICANT: Burgess, Catherine E
APPLICANT: Shimkets, Richard A
APPLICANT: Grosse, William M
APPLICANT: Szekeres, Edward S
APPLICANT: Vernet, Corine A.M.
APPLICANT: Li, Li
APPLICANT: Caeman, Stacie J
APPLICANT: Boldog, Ferenc L
APPLICANT: Gorman, Linda
APPLICANT: Gangoli, Eshe A
APPLICANT: Fernandes, Elma R
APPLICANT: Rieger, Daniel K
APPLICANT: Edinger, Shlomit R
APPLICANT: Gunther, Erik
APPLICANT: Miller, Isabelle
APPLICANT: Sciore, Paul
APPLICANT: Ellerman, Karen
APPLICANT: MacDougall, John R
APPLICANT: Smithson, Glenda
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-228
CURRENT APPLICATION NUMBER: US/10/032,189
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/257,495
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 60/258,171
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 60/269,940
PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 60/274,192
PRIOR FILING DATE: 2001-03-08

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; PRIOR APPLICATION NUMBER: 60/277, 826
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 60/279, 840
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/282, 981
; PRIOR FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: 60/283, 656
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/309, 247
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: 60/311, 754
; PRIOR FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 60/313, 331
; PRIOR FILING DATE: 2001-08-17
; NUMBER OF SEQ ID NOS: 260
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 107
; LENGTH: 218
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Connexin
; OTHER INFORMATION: Consensus Sequence
US-10-032-189-107
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Query Match          94.3%; Score 33; DB 14; Length 218;
Best Local Similarity 83.3%; Pred. No. 5,le+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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OY      1 LDMSFL 6
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Db       1 MDMSFL 6
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RESULT 7
US-10-347-470A-26
; Sequence 26, Application US/10347470A
; Publication No. US2004002054A1
; GENERAL INFORMATION:
; APPLICANT: Horvitz, H. Robert
; APPLICANT: Hwang, Ho Yon
; TITLE OF INVENTION: SOV NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 01997/542003
; CURRENT APPLICATION NUMBER: US/10/347,470A
; CURRENT FILING DATE: 2003-01-17
; PRIOR APPLICATION NUMBER: US 60/349, 630
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 60/390, 930
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PasteSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 827
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-10-347-470A-26
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Query Match          94.3%; Score 33; DB 15; Length 827;
Best Local Similarity 83.3%; Pred. No. 1,5e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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OY      1 LDMSFL 6
        |||||
Db       370 LDMSFL 375
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RESULT 8
US-09-847-940B-15
; Sequence 15, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
```

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; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
US-09-847-940B-15
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Query Match          91.4%; Score 32; DB 9; Length 6;
Best Local Similarity 83.3%; Pred. No. 9,4e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      1 LDMSFL 6
        |||||
Db       1 LDMSYL 6
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RESULT 9
US-09-847-946A-15
; Sequence 15, Application US/09847946A
; Publication No. US20030054992A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Fingels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hamig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: NBD peptide
US-09-847-946A-15
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Query Match          91.4%; Score 32; DB 10; Length 6;
Best Local Similarity 83.3%; Pred. No. 9,4e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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OY      1 LDMSFL 6
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Db       1 LDMSYL 6
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RESULT 10
US-10-424-599-164997
; Sequence 164997, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J
; APPLICANT: Kovalic, David K
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
```



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FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 164997
LENGTH: 46
TYPE: PRT
ORGANISM: Glycine max
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_120008C.1.pep
US-10-424-599-164997

Query Match
Best Local Similarity 91.4%; Score 32; DB 12; Length 46;
Pred. No. 2e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMWFL 6
Db 35 LDMWFL 40

RESULT 11
US-09-764-877-1782
Sequence 1782, Application US/09764877
Patent No. US20020147140X1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC005
CURRENT APPLICATION NUMBER: US/09/764,877
CURRENT FILING DATE: 2001-01-17
Prior application data removed - refer to PALM or file wrapper
NUMBER OF SEQ ID NOS: 4031
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1782
LENGTH: 56
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (51)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (56)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-764-877-1782

Query Match
Best Local Similarity 91.4%; Score 32; DB 9; Length 56;
Pred. No. 2.4e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMWFL 6
Db 27 LDMWFL 32

RESULT 12
US-10-242-515-1782
Sequence 1782, Application US/10242515
Publication No. US20040009488A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC005C1
CURRENT APPLICATION NUMBER: US/10/242,515
CURRENT FILING DATE: 2002-09-13
PRIOR APPLICATION NUMBER: 09/764,877
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 60/179,065
PRIOR FILING DATE: 2000-01-31
PRIOR APPLICATION NUMBER: 60/180,628
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: 60/214,886
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PRIOR FILING DATE: 2000-06-28
PRIOR APPLICATION NUMBER: 60/217,487
PRIOR FILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/225,758
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/220,963
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: 60/217,496
PRIOR FILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/225,447
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/218,290
PRIOR FILING DATE: 2000-07-14
Remaining Prior Application data removed - See file wrapper or PALM.
NUMBER OF SEQ ID NOS: 4031
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1782
LENGTH: 56
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (51)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
FEATURE:
NAME/KEY: misc_feature
LOCATION: (56)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-10-242-515-1782

Query Match
Best Local Similarity 91.4%; Score 32; DB 15; Length 56;
Pred. No. 2.4e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMWFL 6
Db 27 LDMWFL 32

RESULT 13
US-10-424-599-279686
Sequence 279686, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 279686
LENGTH: 134
TYPE: PRT
ORGANISM: Glycine max
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_94579C.1.pep
US-10-424-599-279686

Query Match
Best Local Similarity 91.4%; Score 32; DB 12; Length 134;
Pred. No. 4.9e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMWFL 6
Db 95 LDMWFL 100

RESULT 14
US-10-104-047-2340
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; Sequence 2340, Application US/10104047
; Publication No. US20030236392A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20030236392A1e1 full length cDNA
; FILE REFERENCE: H1-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2340
; LENGTH: 743
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-104-047-2340

Query Match 91.4%; Score 32; DB 15; Length 743;
Best Local Similarity 83.3%; Pred. No. 2.1e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSFL 6
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DB 98 VDMSFL 103

RESULT 15
US-10-424-599-217549
; Sequence 217549, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Tongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 217549
; LENGTH: 60
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_38474C.1.pep
US-10-424-599-217549

Query Match 88.6%; Score 31; DB 12; Length 60;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DMSFL 6
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DB 35 DMSFL 39

Search completed: March 17, 2004, 18:45:30
Job time : 21.6711 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd

OM protein - protein search, using sw model

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Run on:      March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
            (without adjustment)
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(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-15

Sequence: 1 LDWSYL 6

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Maximum DB Req Length: 20000000000

Post-processing: Minimum Match 0%

Listing first 45 B

Database : Published Applications AA:

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

SUMMARIES

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	1	36	100.0	6	9	US-09-847-9408-15	Sequence 15, Appl
	2	36	100.0	6	10	US-09-847-946A-15	Sequence 15, App
	3	100.0	0	46	12	US-10-824-559-16497	Sequence 16497,
	4	34	94.4	98	12	US-10-882-122A-42628	Sequence 42628,
	5	34	94.4	98	14	US-10-882-274-432	Sequence 432, Ap
	6	33	91.7	79	12	US-10-882-122A-68458	Sequence 68458,
	7	32	88.9	6	9	US-09-847-940B-14	Sequence 14, Appl
	8	32	88.9	6	10	US-09-847-946A-14	Sequence 14, Appl
	9	32	88.9	27	10	US-09-874-879-385	Sequence 385, App
	10	32	88.9	27	10	US-09-875-736-385	Sequence 385, App
	11	32	88.9	27	11	US-09-8105-693-385	Sequence 385, App
	12	32	88.9	27	12	US-10-621-641-385	Sequence 385, App
	13	32	88.9	274	12	US-10-825-114-67523	Sequence 67523,
	14	32	88.9	297	12	US-10-825-114-66684	Sequence 66684,
	15	32	88.9	351	12	US-10-424-599-19984	Sequence 19984,

16	32	88.9	376	15	US-10-369-449-12566	A	Sequence 12555, A
17	32	88.9	412	15	US-10-412-699B-1499	Ap	Sequence 1499, Ap
18	32	88.9	412	15	US-10-374-708A-1378	A	Sequence 1378, Ap
19	32	88.9	445	14	US-10-155-751-8567	Ap	Sequence 8567, Ap
20	32	88.9	509	12	US-10-425-114-67482	A	Sequence 67482, A
21	32	88.9	525	15	US-10-369-493-267	Ap	Sequence 267, Ap
22	32	88.9	542	15	US-10-369-493-913	Ap	Sequence 913, Ap
23	32	88.9	560	15	US-10-369-493-11768	A	Sequence 13768, A
24	32	88.9	561	9	US-09-815-442-12101	A	Sequence 12101, A
25	32	88.9	561	12	US-10-382-122A-6683	A	Sequence 6683, A
26	32	88.9	562	14	US-10-032-568-7639	Ap	Sequence 7639, Ap
27	32	88.9	567	12	US-10-382-122A-78920	A	Sequence 78920, A
28	32	88.9	568	12	US-10-282-122A-69506	A	Sequence 69506, A
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31	32	88.9	1024	13	US-10-313-990-30	Ap	Sequence 30, Ap
32	32	88.9	1241	14	US-10-282-122A-68580	A	Sequence 68580, A
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34	31	86.1	6	9	US-09-847-940B-2	Ap	Sequence 2, Ap
35	31	86.1	6	10	US-09-847-946A-2	Ap	Sequence 2, Ap
36	31	86.1	6	10	US-09-847-946A-3	Ap	Sequence 3, Ap
37	31	86.1	7	10	US-09-847-946A-37	Ap	Sequence 37, Ap
38	31	86.1	8	10	US-09-847-946A-30	Ap	Sequence 30, Ap
39	31	86.1	8	10	US-09-847-946A-38	Ap	Sequence 38, Ap
40	31	86.1	9	10	US-09-847-946A-29	Ap	Sequence 29, Ap
41	31	86.1	9	10	US-09-847-946A-32	Ap	Sequence 32, Ap
42	31	86.1	9	10	US-09-847-946A-35	Ap	Sequence 35, Ap
43	31	86.1	9	10	US-09-847-946A-36	Ap	Sequence 36, Ap
44	31	86.1	10	10	US-09-847-946A-31	Ap	Sequence 31, Ap
45	31	86.1	10	10	US-09-847-946A-34	Ap	Sequence 34, Ap

ALIGNMENTS

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1 RESULT 1
2 US-09-847-940B-15
3 Sequence 15, Application US/09847940B
4 Patent No. US20020156000A1
5 GENERAL INFORMATION:
6 APPLICANT: May, Michael J.
7 APPLICANT: Choesh, Sankar
8 TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
9 FILE REFERENCE: PFI-111C/P
10 CURRENT APPLICATION NUMBER: US/09/847,940B
11 CURRENT FILING DATE: 2001-05-02
12 PRIOR APPLICATION NUMBER: 09/643,260
13 PRIOR FILING DATE: 2000-08-22
14 NUMBER OF SEQ ID NOS: 27
15 SOFTWARE: PatentIn Ver. 2.0
16 SEQ ID NO 15
17 LENGTH: 6
18 TYPE: PRT
19 ORGANISM: Artificial Sequence
20 FEATURE:
21 OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
22 US-09-847-940B-15

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Query Match          100.0%; Score 36; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches      6; Conservative      0; Mismatches      0; Indels      0; Gaps      0

QY      1 LDWSYL 6
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Db       1 LDWSYL 6

RESULT 2
US-09-847-946A-15
; Sequence 15, Application US/09847946A
; Publication NO. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

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APPLICANT: Ghosh, Sankar
APPLICANT: Fandels, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
PRIORITY FILING DATE: 2001-05-02
PRIORITY APPLICATION NUMBER: 60/201,261
PRIORITY FILING DATE: 2000-05-02
PRIORITY APPLICATION NUMBER: 09/643,260
PRIORITY FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 15
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: NBD peptide
US-09-847-946A-15

Query Match
Best Local Similarity 100.0%; Score 36; DB 10; Length 6;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDMSYL 6
Db 1 LDMSYL 6

RESULT 3
US-10-424-599-164997
Sequence 164997, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 164997
LENGTH: 46
TYPE: PRT
ORGANISM: Glycine max
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_120008C.1.pep
US-10-424-599-164997

Query Match
Best Local Similarity 100.0%; Score 36; DB 12; Length 46;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDMSYL 6
Db 35 LDMSYL 40

RESULT 4
US-10-282-122A-42628
Sequence 42628, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Karl

APPLICANT: Zykkind, Judith
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
APPLICANT: Carr, Grant
APPLICANT: Yamamoto, Robert
APPLICANT: Forsyth, R.
APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA 034A
CURRENT APPLICATION NUMBER: US/10/282,122A
PRIORITY FILING DATE: 2003-02-20
PRIORITY APPLICATION NUMBER: 60/191,078
PRIORITY FILING DATE: 2000-03-21
PRIORITY APPLICATION NUMBER: 60/206,848
PRIORITY FILING DATE: 2000-05-23
PRIORITY APPLICATION NUMBER: 60/207,727
PRIORITY FILING DATE: 2000-05-26
PRIORITY APPLICATION NUMBER: 60/230,335
PRIORITY FILING DATE: 2000-09-06
PRIORITY APPLICATION NUMBER: 60/230,347
PRIORITY FILING DATE: 2000-09-09
PRIORITY APPLICATION NUMBER: 60/242,578
PRIORITY FILING DATE: 2000-10-23
PRIORITY APPLICATION NUMBER: 60/253,625
PRIORITY FILING DATE: 2000-11-27, 931
PRIORITY APPLICATION NUMBER: 60/257,931
PRIORITY FILING DATE: 2000-12-22
PRIORITY APPLICATION NUMBER: 60/267,636
PRIORITY FILING DATE: 2001-02-09
PRIORITY APPLICATION NUMBER: 60/269,308
PRIORITY FILING DATE: 2001-02-16
Remaining Prior Application data removed - See file wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 42628
LENGTH: 98
TYPE: PRT
ORGANISM: Escherichia coli
US-10-282-122A-42628

Query Match
Best Local Similarity 94.4%; Score 34; DB 12; Length 98;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDMSYL 6
Db 67 LDMSYL 72

RESULT 5
US-10-287-274-432
Sequence 432, Application US/10287274
Publication No. US20030181408A1
GENERAL INFORMATION:
APPLICANT: Forsyth, R. Allyn
APPLICANT: Ohlsen, Karl
APPLICANT: Zykkind, Judith
TITLE OF INVENTION: GENES ESSENTIAL FOR MICROBIAL PROLIFERATION AND ANTISENSE THERAPY
FILE REFERENCE: ELITRA.0080V1
CURRENT APPLICATION NUMBER: US/10/287,274
PRIORITY FILING DATE: 2002-10-31
PRIORITY APPLICATION NUMBER: US 60/164415
PRIORITY FILING DATE: 1999-11-09
PRIORITY APPLICATION NUMBER: US 09/711164
PRIORITY FILING DATE: 2000-11-09
NUMBER OF SEQ ID NOS: 469
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 432
LENGTH: 98
TYPE: PRT
ORGANISM: Escherichia coli
US-10-287-274-432

Query Match 94.4%; Score 34; DB 14; Length 98;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSYL 6
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Db 67 LDMSYL 72

RESULT 6

US-10-282-122A-68458
; Sequence 68458, Application US/10282122A
; Publication No. US20040029123A1
; GENERAL INFORMATION:

APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Karl
APPLICANT: Zykkind, Judith
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
APPLICANT: Carr, Grant
APPLICANT: Yamamoto, Robert
APPLICANT: Foreysch, R.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms

FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282.122A
CURRENT FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn Version 3.1
SEQ ID NO 68458:
LENGTH: 79
TYPE: PRT
ORGANISM: Proteus mirabilis
US-10-282-122A-68458

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Best Local Similarity 83.3%; Pred. No. 2.1e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSYL 6
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Db 69 VDMSYL 74

RESULT 7

US-09-847-940B-14
; Sequence 14, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:

APPLICANT: May, Michael J.
APPLICANT: Ghosh, Sankar
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-117CP

CURRENT APPLICATION NUMBER: US/09/847,940B
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 14
LENGTH: 6
TYPE: PRT

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
US-09-847-940B-14

Query Match 88.9%; Score 32; DB 9; Length 6;
Best Local Similarity 83.3%; Pred. No. 9.4e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSYL 6
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Db 1 LDMSFL 6

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US-09-847-946A-14
; Sequence 14, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:

APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Finkel, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hamig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 14
LENGTH: 6
TYPE: PRT

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD peptide
US-09-847-946A-14

Query Match 88.9%; Score 32; DB 10; Length 6;
Best Local Similarity 83.3%; Pred. No. 9.4e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSYL 6
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Db 1 LDMSFL 6

RESULT 9

US-09-974-879-385
; Sequence 385, Application US/09974879
; Publication No. US20030028003A1
; GENERAL INFORMATION:

APPLICANT: Rosen et al.
TITLE OF INVENTION: 125 Human Secreted Proteins
FILE REFERENCE: P2020P2
CURRENT APPLICATION NUMBER: US/09/974,879

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/ CURRENT FILING DATE: 2001-10-12
/ PRIOR APPLICATION NUMBER: US 60/239,893
/ PRIOR FILING DATE: 2000-10-13
/ PRIOR APPLICATION NUMBER: US 09/818,683
/ PRIOR FILING DATE: 2001-03-28
/ PRIOR APPLICATION NUMBER: US 09/305,736
/ PRIOR FILING DATE: 1999-05-05
/ PRIOR APPLICATION NUMBER: PCT/US98/23435
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: US 60/064,911
/ PRIOR FILING DATE: 1997-11-07
/ PRIOR APPLICATION NUMBER: US 60/064,912
/ PRIOR FILING DATE: 1997-11-07
/ PRIOR APPLICATION NUMBER: US 60/064,983
/ PRIOR FILING DATE: 1997-11-07
/ PRIOR APPLICATION NUMBER: US 60/064,900
/ PRIOR FILING DATE: 1997-11-07
/ PRIOR APPLICATION NUMBER: US 60/064,988
/ PRIOR FILING DATE: 1997-11-07
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/ PRIOR FILING DATE: 1997-11-17
/ PRIOR APPLICATION NUMBER: US 60/066,090
/ PRIOR FILING DATE: 1997-11-17
/ NUMBER OF SEQ ID NOS: 611
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 385
/ LENGTH: 27
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-974-879-385

Query Match      88.9%; Score 32; DB 10; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db      8 LDMSY 12
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RESULT 10
US-09-305-736-385
/ Sequence 385, Application US/09305736
/ Publication No. US20030088078A1
/ GENERAL INFORMATION:
/ APPLICANT: Peng et al.
/ TITLE OF INVENTION: 125 Human Secreted Proteins
/ FILE REFERENCE: P2020P1
/ CURRENT APPLICATION NUMBER: US/09/305,736
/ CURRENT FILING DATE: 1999-05-05
/ EARLIER APPLICATION NUMBER: PCT/US98/23435
/ EARLIER FILING DATE: 1998-11-04
/ EARLIER APPLICATION NUMBER: 60/064,911
/ EARLIER FILING DATE: 1997-11-07
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/ EARLIER FILING DATE: 1997-11-07
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/ EARLIER FILING DATE: 1997-11-07
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/ EARLIER FILING DATE: 1997-11-07
/ EARLIER APPLICATION NUMBER: 60/064,908
/ EARLIER FILING DATE: 1997-11-07
/ EARLIER APPLICATION NUMBER: 60/064,984
/ EARLIER FILING DATE: 1997-11-07
/ EARLIER APPLICATION NUMBER: 60/064,985
/ EARLIER FILING DATE: 1997-11-07
/ EARLIER APPLICATION NUMBER: 60/066,094
/ EARLIER FILING DATE: 1997-11-17
/ EARLIER APPLICATION NUMBER: 60/066,100
/ EARLIER FILING DATE: 1997-11-17
/ EARLIER APPLICATION NUMBER: 60/066,089
/ EARLIER FILING DATE: 1997-11-17
/ EARLIER APPLICATION NUMBER: 60/066,095
/ EARLIER FILING DATE: 1997-11-17
/ EARLIER APPLICATION NUMBER: 60/066,090
/ EARLIER FILING DATE: 1997-11-17
/ NUMBER OF SEQ ID NOS: 612
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 385
/ LENGTH: 27
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-305-736-385
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Query Match      88.9%; Score 32; DB 10; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db      8 LDMSY 12
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RESULT 11
US-09-818-683-385
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/ Publication No. US20030211472A1
/ GENERAL INFORMATION:
/ APPLICANT: Peng et al.
/ TITLE OF INVENTION: 125 Human Secreted Proteins
/ FILE REFERENCE: P2020P1
/ CURRENT APPLICATION NUMBER: US/09/818,683
/ CURRENT FILING DATE: 2001-03-28
/ Prior application data removed - consult PALM or file wrapper
/ NUMBER OF SEQ ID NOS: 612
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 385
/ LENGTH: 27
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-818-683-385

Query Match      88.9%; Score 32; DB 11; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 LDMSY 5
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Db      8 LDMSY 12
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RESULT 12
US-10-621-401-385
/ Sequence 385, Application US/10621401
/ Publication No. US20040038277A1
/ GENERAL INFORMATION:
/ APPLICANT: Rosen et al.
/ TITLE OF INVENTION: 125 Human Secreted Proteins
```

FILE REFERENCE: P2020P2C1
CURRENT APPLICATION NUMBER: US/10/621,401
CURRENT FILING DATE: 2003-07-18
PRIOR APPLICATION NUMBER: US 09/974,879
PRIOR FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: US 60/239,893
PRIOR FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: US 09/818,683
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: US 09/305,736
PRIOR FILING DATE: 1999-05-05
PRIOR APPLICATION NUMBER: PCT/US98/23435
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 60/064,911
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: US 60/064,912
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: US 60/064,983
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: US 60/064,900
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: US 60/064,988
PRIOR FILING DATE: 1997-11-07
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 611
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 385
LENGTH: 27
TYPE: PRT
ORGANISM: Homo sapiens
US-10-621-401-385

Query Match 88.9%; Score 32; DB 12; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSY 5
DB 8 LDMSY 12

RESULT 13
US-10-425-114-67523
Sequence 67523, Application US/10425114
Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5313)B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 67523
LENGTH: 274
TYPE: PRT
ORGANISM: Zea mays
FEATURE:
OTHER INFORMATION: Clone ID: LIB143-035-E11_F11.pep
US-10-425-114-67523

Query Match 88.9%; Score 32; DB 12; Length 274;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSY 5
DB 186 LDMSY 190

RESULT 14
US-10-425-114-66684
Sequence 66684, Application US/10425114
Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5313)B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 66684
LENGTH: 297
TYPE: PRT
ORGANISM: Zea mays
FEATURE:
OTHER INFORMATION: Clone ID: LIB4743-041-H8_F11.pep
US-10-425-114-66684

Query Match 88.9%; Score 32; DB 12; Length 297;
Best Local Similarity 100.0%; Pred. No. 9.8e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DMSYL 6
DB 3 DMSYL 7

RESULT 15
US-10-424-599-199984
Sequence 199984, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 199984
LENGTH: 351
TYPE: PRT
ORGANISM: Glycine max
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_22611C.1.pep
US-10-424-599-199984

Query Match 88.9%; Score 32; DB 12; Length 351;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSY 5
DB 128 LDMSY 132

Search completed: March 17, 2004, 18:45:31
Job time : 22.6711 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds

(Without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-16

Perfect score: 40

Sequence: 1 LDMAWL 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA.*
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6: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
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13: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep.*
14: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep.*
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16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
17: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	40	100.0	6	9 US-09-847-940B-16	Sequence 16, Appl
2	40	100.0	6	10 US-09-847-946A-16	Sequence 16, Appl
3	40	100.0	6	10 US-09-847-946A-44	Sequence 44, Appl
4	40	100.0	6	10 US-09-847-946A-106	Sequence 106, Appl
5	40	100.0	7	10 US-09-847-946A-110	Sequence 110, Appl
6	40	100.0	8	10 US-09-847-946A-103	Sequence 103, Appl
7	40	100.0	8	10 US-09-847-946A-111	Sequence 111, Appl
8	40	100.0	9	10 US-09-847-946A-105	Sequence 105, Appl
9	40	100.0	9	10 US-09-847-946A-108	Sequence 108, Appl
10	40	100.0	9	10 US-09-847-946A-109	Sequence 109, Appl
11	40	100.0	10	10 US-09-847-946A-104	Sequence 104, Appl
12	40	100.0	10	10 US-09-847-946A-107	Sequence 107, Appl
13	40	100.0	11	10 US-09-847-946A-101	Sequence 101, Appl
14	40	100.0	11	10 US-09-847-946A-101	Sequence 101, Appl
15	37	92.5	6	9 US-09-847-940B-2	Sequence 2, Appl

16	37	92.5	6	10 US-09-847-946A-2	Sequence 2, Appl
17	37	92.5	6	10 US-09-847-946A-33	Sequence 33, Appl
18	37	92.5	7	10 US-09-847-946A-37	Sequence 37, Appl
19	37	92.5	8	10 US-09-847-946A-30	Sequence 30, Appl
20	37	92.5	8	10 US-09-847-946A-38	Sequence 38, Appl
21	37	92.5	9	10 US-09-847-946A-29	Sequence 29, Appl
22	37	92.5	9	10 US-09-847-946A-32	Sequence 32, Appl
23	37	92.5	9	10 US-09-847-946A-35	Sequence 35, Appl
24	37	92.5	9	10 US-09-847-946A-36	Sequence 36, Appl
25	37	92.5	10	10 US-09-847-946A-31	Sequence 31, Appl
26	37	92.5	10	10 US-09-847-946A-34	Sequence 34, Appl
27	37	92.5	11	10 US-09-847-946A-38	Sequence 38, Appl
28	37	92.5	11	10 US-09-847-946A-132	Sequence 132, Appl
29	37	92.5	11	10 US-09-847-946A-140	Sequence 140, Appl
30	37	92.5	13	10 US-09-847-946A-143	Sequence 143, Appl
31	37	92.5	13	10 US-09-847-946A-144	Sequence 144, Appl
32	37	92.5	13	10 US-09-847-946A-145	Sequence 145, Appl
33	37	92.5	13	10 US-09-847-946A-148	Sequence 148, Appl
34	37	92.5	17	10 US-09-847-946A-141	Sequence 141, Appl
35	37	92.5	17	10 US-09-847-946A-142	Sequence 142, Appl
36	37	92.5	17	10 US-09-847-946A-146	Sequence 146, Appl
37	37	92.5	17	10 US-09-847-946A-147	Sequence 147, Appl
38	37	92.5	18	10 US-09-847-946A-131	Sequence 131, Appl
39	37	92.5	18	10 US-09-847-946A-135	Sequence 135, Appl
40	37	92.5	18	10 US-09-847-946A-136	Sequence 136, Appl
41	37	92.5	22	10 US-09-847-946A-133	Sequence 133, Appl
42	37	92.5	22	10 US-09-847-946A-134	Sequence 134, Appl
43	37	92.5	22	10 US-09-847-946A-137	Sequence 137, Appl
44	37	92.5	22	10 US-09-847-946A-138	Sequence 138, Appl
45	37	92.5	22	10 US-09-847-946A-139	Sequence 139, Appl

ALIGNMENTS

RESULT 1
US-09-847-940B-16
Sequence 16, Application US/09847940B
Patent No. US20020156000A1
GENERAL INFORMATION:
APPLICANT: May, Michael J.
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-117CP
CURRENT APPLICATION NUMBER: US/09/847, 940B
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 09/643, 260
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 16
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
US-09-847-940B-16

Query Match 100.0%; Score 40; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMAWL 6
|||||
Db 1 LDMAWL 6

RESULT 2
US-09-847-946A-16
Sequence 16, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J

APPLICANT: Ghosh, Sankar
APPLICANT: Findeis, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 16
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-16

Query Match 100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDWAWL 6
DB 1 LDWAWL 6

RESULT 3
US-09-847-946A-44
Sequence 44, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Findeis, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 44
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-44

Query Match 100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDWAWL 6
DB 1 LDWAWL 6

RESULT 4
US-09-847-946A-106
Sequence 106, Application US/09847946A
Publication No. US20030054999A1

GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Findeis, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 106
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-106

Query Match 100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDWAWL 6
DB 1 LDWAWL 6

RESULT 5
US-09-847-946A-110
Sequence 110, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Findeis, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 110
LENGTH: 7
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-110

Query Match 100.0%; Score 40; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDWAWL 6
DB 1 LDWAWL 6

RESULT 6

US-09-847-946A-103
Sequence 103, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Findels, Mark A
APPLICANT: Phillips, Kathryn
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 103
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-103

Query Match 100.0%; Score 40; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMAML 6
| | | | |
DB 3 LDMAML 8

RESULT 7
US-09-847-946A-111
Sequence 111, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Findels, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 111
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-111

Query Match 100.0%; Score 40; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMAML 6
| | | | |
DB 1 LDMAML 6

RESULT 8
US-09-847-946A-102
Sequence 102, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Findels, Mark A
APPLICANT: Phillips, Kathryn
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 102
LENGTH: 9
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-102

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDMAML 6
| | | | |
DB 1 LDMAML 6

RESULT 9
US-09-847-946A-105
Sequence 105, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Findels, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 105
LENGTH: 9
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-105

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMAWL 6
1 LDMAWL 6

RESULT 10

US-09-847-946A-108
; Sequence 108, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 108
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-108

Query Match: 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMAWL 6
3 LDMAWL 8

RESULT 11

US-09-847-946A-109
; Sequence 109, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 109
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-109

Query Match 100.0%; Score 40; DB 10; Length 9;

QY 1 LDMAWL 6
2 LDMAWL 7

RESULT 12

US-09-847-946A-104
; Sequence 104, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 104
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-104

Query Match: 100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMAWL 6
2 LDMAWL 7

RESULT 13

US-09-847-946A-107
; Sequence 107, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 107
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-107

US-09-847-946A-107

Query Match

Best Local Similarity 100.0%; Score 40; DB 10; Length 10;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;QY 1 LDWAWL 6
|||||

DB 3 LDWAWL 8

RESULT 14

US-09-847-946A-101

; Sequence 101, Application US/09847946A
; Publication No. US20030054999A1

; GENERAL INFORMATION:

; APPLICANT: May, Michael J

; APPLICANT: Ghosh, Sankar

; APPLICANT: Bhandis, Mark A

; APPLICANT: Phillips, Kathryn

; APPLICANT: Hannig, Gerhard

; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF

; FILE REFERENCE: PPI-119

; CURRENT APPLICATION NUMBER: US/09/847,946A

; PRIOR FILING DATE: 2001-05-02

; PRIOR FILING DATE: 2000-05-02

; PRIOR APPLICATION NUMBER: 09/643,260

; NUMBER OF SEQ ID NOS: 160

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 101

; LENGTH: 11

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

US-09-847-946A-101

Query Match

Best Local Similarity 100.0%; Score 40; DB 10; Length 11;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;QY 1 LDWAWL 6
|||||

DB 3 LDWAWL 8

RESULT 15

US-09-847-940B-2

; Sequence 2, Application US/09847940B
; Patent No. US20020156000A1

; GENERAL INFORMATION:

; APPLICANT: May, Michael J.

; APPLICANT: Ghosh, Sankar

; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF

; FILE REFERENCE: PPI-117CP

; CURRENT APPLICATION NUMBER: US/09/847,940B

; CURRENT FILING DATE: 2001-05-02

; PRIOR APPLICATION NUMBER: 09/643,260

; PRIOR FILING DATE: 2000-08-22

; NUMBER OF SEQ ID NOS: 27

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 2

; LENGTH: 6

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants

US-09-847-940B-2

Query Match

92.5%; Score 37; DB 9; Length 6;

Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;QY 1 LDWAWL 6
|||||

DB 1 LDMSWL 6

Search completed: March 17, 2004, 18:45:31
Job time : 21.6711 secs

GenCore version 5.1.6
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OM protein - protein search, using SW model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-17

Perfect score: 41

Sequence: 1 LDMEWL 6

Scoring table: BIOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :
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10: /cgn2_6/prodata/1/pubpaa/US09B_PUBCOMB.pep:*
11: /cgn2_6/prodata/1/pubpaa/US09C_PUBCOMB.pep:*
12: /cgn2_6/prodata/1/pubpaa/US09_NEW_PUB.pep:*
13: /cgn2_6/prodata/1/pubpaa/US10A_PUBCOMB.pep:*
14: /cgn2_6/prodata/1/pubpaa/US10B_PUBCOMB.pep:*
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16: /cgn2_6/prodata/1/pubpaa/US10_NEW_PUB.pep:*
17: /cgn2_6/prodata/1/pubpaa/US60_NEW_PUB.pep:*
18: /cgn2_6/prodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	41	100.0	6	9 US-09-847-940B-17	Sequence 17, Appl
2	41	100.0	6	10 US-09-847-946A-17	Sequence 17, Appl
3	41	100.0	6	10 US-09-847-946A-45	Sequence 45, Appl
4	41	100.0	6	10 US-09-847-946A-117	Sequence 117, Appl
5	41	100.0	7	10 US-09-847-946A-121	Sequence 121, Appl
6	41	100.0	8	10 US-09-847-946A-114	Sequence 114, Appl
7	41	100.0	8	10 US-09-847-946A-122	Sequence 122, Appl
8	41	100.0	9	10 US-09-847-946A-113	Sequence 113, Appl
9	41	100.0	9	10 US-09-847-946A-116	Sequence 116, Appl
10	41	100.0	9	10 US-09-847-946A-119	Sequence 119, Appl
11	41	100.0	9	10 US-09-847-946A-120	Sequence 120, Appl
12	41	100.0	10	10 US-09-847-946A-115	Sequence 115, Appl
13	41	100.0	10	10 US-09-847-946A-112	Sequence 112, Appl
14	41	100.0	11	10 US-09-847-946A-118	Sequence 118, Appl
15	39	95.1	85	12 US-10-424-599-153703	Sequence 153703,

16	39	95.1	471	15 US-10-369-493-12414	Sequence 12414, A
17	38	92.7	1102	12 US-10-282-122A-67640	Sequence 67640, A
18	37	90.2	20	10 US-09-962-756-939	Sequence 939, App
19	37	90.2	20	15 US-10-253-471-939	Sequence 939, App
20	37	90.2	20	16 US-10-253-493-939	Sequence 939, App
21	37	90.2	70	9 US-09-864-761-46514	Sequence 46514, A
22	37	90.2	117	12 US-10-424-599-178905	Sequence 178905, A
23	37	90.2	164	12 US-10-282-122A-59194	Sequence 59194, A
24	37	90.2	219	15 US-10-369-493-15572	Sequence 15572, A
25	37	90.2	259	15 US-10-369-493-12280	Sequence 22800, A
26	37	90.2	261	12 US-10-282-122A-47592	Sequence 47592, A
27	37	90.2	279	12 US-10-282-122A-49240	Sequence 49240, A
28	37	90.2	280	15 US-10-369-493-3354	Sequence 3354, App
29	37	90.2	287	12 US-10-282-122A-50741	Sequence 50741, A
30	37	90.2	296	12 US-10-282-122A-50589	Sequence 50589, A
31	37	90.2	304	12 US-10-282-122A-51333	Sequence 51333, A
32	37	90.2	313	12 US-10-282-122A-67589	Sequence 67589, A
33	37	90.2	318	12 US-10-282-122A-78151	Sequence 78151, A
34	37	90.2	331	12 US-10-282-122A-66270	Sequence 66270, A
35	37	90.2	331	12 US-10-389-647-4412	Sequence 4412, App
36	37	90.2	354	14 US-10-166-087-6	Sequence 6, Appl
37	37	90.2	462	15 US-10-369-493-8244	Sequence 8244, App
38	37	90.2	1137	9 US-09-847-940B-2	Sequence 59975, A
39	36	87.8	6	10 US-09-847-946A-2	Sequence 2, Appl
40	36	87.8	6	10 US-09-847-946A-33	Sequence 33, Appl
41	36	87.8	7	10 US-09-847-946A-37	Sequence 37, Appl
42	36	87.8	8	10 US-09-847-946A-30	Sequence 30, Appl
43	36	87.8	8	10 US-09-847-946A-38	Sequence 38, Appl
44	36	87.8	9	10 US-09-847-946A-39	Sequence 39, Appl
45	36	87.8	9	10 US-09-847-946A-29	Sequence 29, Appl

ALIGNMENTS

RESULT 1
US-09-847-940B-17
Sequence 17, Application US/09847940B
Patent No. US20020156000A1
GENERAL INFORMATION:
APPLICANT: May, Michael J.
APPLICANT: Ghosh, Sanjay
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCES: PPI-117CP
CURRENT APPLICATION NUMBER: US/09/847,940B
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
US-09-847-940B-17

Query Match 100.0%; Score 41; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 1 LDMEWL 6
DB 1 LDMEWL 6
RESULT 2
US-09-847-946A-17
Sequence 17, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J

APPLICANT: Ghosh, Sankar
APPLICANT: Findels, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-17

Query Match 100.0%; Score 41; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDWEML 6
|||||
DB 1 LDWEML 6

RESULT 3
US-09-847-946A-45
Sequence 45, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Findels, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 45
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-45

Query Match 100.0%; Score 41; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDWEML 6
|||||
DB 1 LDWEML 6

RESULT 4
US-09-847-946A-117
Sequence 117, Application US/09847946A
Publication No. US20030054999A1

GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Findels, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 117
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-117

Query Match 100.0%; Score 41; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDWEML 6
|||||
DB 1 LDWEML 6

RESULT 5
US-09-847-946A-121
Sequence 121, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J
APPLICANT: Ghosh, Sankar
APPLICANT: Findels, Mark A
APPLICANT: Phillips, Kathryn
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PFI-119
CURRENT APPLICATION NUMBER: US/09/847,946A
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/201,261
PRIOR FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 160
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 121
LENGTH: 7
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-121

Query Match 100.0%; Score 41; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDWEML 6
|||||
DB 1 LDWEML 6

RESULT 6

US-09-847-946A-114

Sequence 114, Application US/09847946A
Publication No. US20030054999A1

GENERAL INFORMATION:

APPLICANT: May, Michael J

APPLICANT: Ghosh, Sankar

APPLICANT: Fındeıs, Mark A

APPLICANT: Phillips, Kathryn

APPLICANT: Hannig, Gerhard

TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF

FILE REFERENCE: PPI-119

CURRENT APPLICATION NUMBER: US/09/847,946A

FILE REFERENCE: PPI-119

PRIOR FILING DATE: 2001-05-02

PRIOR APPLICATION NUMBER: 60/201,261

PRIOR FILING DATE: 2000-05-02

PRIOR APPLICATION NUMBER: 09/643,260

PRIOR FILING DATE: 2000-08-22

NUMBER OF SEQ ID NOS: 160

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 114

LENGTH: 8

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

OTHER INFORMATION: sequence

US-09-847-946A-114

Query Match

Best Local Similarity 100.0%; Score 41; DB 10; Length 8;

Best Local Similarity 100.0%; Pred. No. 9.5e+05;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDMEWL 6

DB 3 LDMEWL 8

RESULT 7

US-09-847-946A-122

Sequence 122, Application US/09847946A

Publication No. US20030054999A1

GENERAL INFORMATION:

APPLICANT: May, Michael J

APPLICANT: Ghosh, Sankar

APPLICANT: Fındeıs, Mark A

APPLICANT: Phillips, Kathryn

APPLICANT: Hannig, Gerhard

TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF

FILE REFERENCE: PPI-119

CURRENT APPLICATION NUMBER: US/09/847,946A

FILE REFERENCE: PPI-119

PRIOR FILING DATE: 2001-05-02

PRIOR APPLICATION NUMBER: 60/201,261

PRIOR FILING DATE: 2000-05-02

PRIOR APPLICATION NUMBER: 09/643,260

PRIOR FILING DATE: 2000-08-22

NUMBER OF SEQ ID NOS: 160

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 122

LENGTH: 8

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

OTHER INFORMATION: sequence

US-09-847-946A-122

Query Match

Best Local Similarity 100.0%; Score 41; DB 10; Length 8;

Best Local Similarity 100.0%; Pred. No. 9.5e+05;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDMEWL 6

DB 1 LDMEWL 6

RESULT 8

US-09-847-946A-113

Sequence 113, Application US/09847946A

Publication No. US20030054999A1

GENERAL INFORMATION:

APPLICANT: May, Michael J

APPLICANT: Ghosh, Sankar

APPLICANT: Fındeıs, Mark A

APPLICANT: Phillips, Kathryn

APPLICANT: Hannig, Gerhard

TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF

FILE REFERENCE: PPI-119

CURRENT APPLICATION NUMBER: US/09/847,946A

FILE REFERENCE: PPI-119

PRIOR FILING DATE: 2001-05-02

PRIOR APPLICATION NUMBER: 60/201,261

PRIOR FILING DATE: 2000-05-02

PRIOR APPLICATION NUMBER: 09/643,260

PRIOR FILING DATE: 2000-08-22

NUMBER OF SEQ ID NOS: 160

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 113

LENGTH: 9

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

OTHER INFORMATION: sequence

US-09-847-946A-113

Query Match

Best Local Similarity 100.0%; Score 41; DB 10; Length 9;

Best Local Similarity 100.0%; Pred. No. 9.5e+05;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDMEWL 6

DB 1 LDMEWL 6

RESULT 9

US-09-847-946A-116

Sequence 116, Application US/09847946A

Publication No. US20030054999A1

GENERAL INFORMATION:

APPLICANT: May, Michael J

APPLICANT: Ghosh, Sankar

APPLICANT: Fındeıs, Mark A

APPLICANT: Phillips, Kathryn

APPLICANT: Hannig, Gerhard

TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF

FILE REFERENCE: PPI-119

CURRENT APPLICATION NUMBER: US/09/847,946A

FILE REFERENCE: PPI-119

PRIOR FILING DATE: 2001-05-02

PRIOR APPLICATION NUMBER: 60/201,261

PRIOR FILING DATE: 2000-05-02

PRIOR APPLICATION NUMBER: 09/643,260

PRIOR FILING DATE: 2000-08-22

NUMBER OF SEQ ID NOS: 160

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 116

LENGTH: 9

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

OTHER INFORMATION: sequence

US-09-847-946A-116

Query Match

Best Local Similarity 100.0%; Score 41; DB 10; Length 9;

Best Local Similarity 100.0%; Pred. No. 9.5e+05;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LDMEWL 6

DB 1 LDMEWL 6

Qy 1 LDWEML 6
| | | | |
Db 1 LDWEML 6

RESULT 10

US-09-847-946A-119
; Sequence 119, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 119
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-119

Query Match 100.0%; Score 41; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWEML 6
| | | | |
Db 3 LDWEML 8

RESULT 11

US-09-847-946A-120
; Sequence 120, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 120
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-120

Query Match 100.0%; Score 41; DB 10; Length 9;

Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 LDWEML 6
| | | | |
Db 2 LDWEML 7

RESULT 12

US-09-847-946A-115
; Sequence 115, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 115
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-115

Query Match 100.0%; Score 41; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWEML 6
| | | | |
Db 2 LDWEML 7

RESULT 13

US-09-847-946A-118
; Sequence 118, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 118
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-118

US-09-847-946A-118

Query Match 100.0%; Score 41; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDWEML 6
Db 3 LDWEML 8

RESULT 14

US-09-847-946A-112
; Sequence 112; Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Pindels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 112
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: NEMO binding
US-09-847-946A-112

Query Match 100.0%; Score 41; DB 10; Length 11;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDWEML 6
Db 3 LDWEML 8

RESULT 15

US-10-424-599-153703
; Sequence 153703; Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J
; APPLICANT: Kovalic, David K
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
; FILE REFERENCE: 38-21(5323)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 153703
; LENGTH: 85
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_109817C.1.pep
US-10-424-599-153703

Query Match 95.1%; Score 39; DB 12; Length 85;

Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDWEML 6
Db 80 LDWEML 85

Search completed: March 17, 2004, 18:45:32
Job time: 22.6711 secs.

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 101.132 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-18

Perfect score: 162
Sequence: 1 DROIKIWFQNRMRKMKKTALDMSWLQTE 28

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Published Applications, AA:*

- 1: /cgn2_6/ptodata/1/pubppa/US07_PUBCOMB.pep:*
- 2: /cgn2_6/ptodata/1/pubppa/PC7_NEW_PUB.pep:*
- 3: /cgn2_6/ptodata/1/pubppa/US06_NEW_PUB.pep:*
- 4: /cgn2_6/ptodata/1/pubppa/US06_PUBCOMB.pep:*
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- 6: /cgn2_6/ptodata/1/pubppa/PCTUS_PUBCOMB.pep:*
- 7: /cgn2_6/ptodata/1/pubppa/US08_NEW_PUB.pep:*
- 8: /cgn2_6/ptodata/1/pubppa/US08_PUBCOMB.pep:*
- 9: /cgn2_6/ptodata/1/pubppa/US09_PUBCOMB.pep:*
- 10: /cgn2_6/ptodata/1/pubppa/US09_PUBCOMB.pep:*
- 11: /cgn2_6/ptodata/1/pubppa/US09_PUBCOMB.pep:*
- 12: /cgn2_6/ptodata/1/pubppa/US10_NEW_PUB.pep:*
- 13: /cgn2_6/ptodata/1/pubppa/US10_PUBCOMB.pep:*
- 14: /cgn2_6/ptodata/1/pubppa/US10_PUBCOMB.pep:*
- 15: /cgn2_6/ptodata/1/pubppa/US10_PUBCOMB.pep:*
- 16: /cgn2_6/ptodata/1/pubppa/US10_NEW_PUB.pep:*
- 17: /cgn2_6/ptodata/1/pubppa/US60_PUBCOMB.pep:*
- 18: /cgn2_6/ptodata/1/pubppa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	162	100.0	28	9 US-09-847-940B-18	Sequence 18, Appl
2	162	100.0	28	10 US-09-847-946A-18	Sequence 18, Appl
3	134	82.7	28	9 US-09-847-940B-19	Sequence 19, Appl
4	134	82.7	28	10 US-09-847-946A-19	Sequence 19, Appl
5	105	64.8	18	10 US-09-847-946A-131	Sequence 131, Appl
6	101	62.3	36	9 US-09-731-023A-12	Sequence 12, Appl
7	101	62.3	36	14 US-10-358-365-12	Sequence 12, Appl
8	98	60.5	17	14 US-10-229-915-11	Sequence 11, Appl
9	97	59.3	34	14 US-10-161-499-79	Sequence 79, Appl
10	96	59.3	26	14 US-10-097-175-101	Sequence 101, Appl
11	95	58.6	21	8 US-08-610-220A-11	Sequence 11, Appl
12	95	58.6	21	9 US-08-150-623-11	Sequence 11, Appl
13	94	58.0	27	12 US-10-432-291-4	Sequence 4, Appl
14	94	58.0	30	14 US-10-188-947-11	Sequence 11, Appl
15	94	58.0	64	14 US-10-118-079-44	Sequence 44, Appl

16	94	58.0	217	12 US-10-097-105-1561	Sequence 1561, Ap
17	94	58.0	217	14 US-10-097-140-129	Sequence 129, Ap
18	94	58.0	233	15 US-10-420-940-4	Sequence 4, Appl
19	94	58.0	269	15 US-10-116-375-190	Sequence 190, Ap
20	94	58.0	295	14 US-10-118-079-4	Sequence 4, Appl
21	93.5	57.7	36	9 US-09-731-023A-11	Sequence 11, Appl
22	93.5	57.7	36	14 US-10-358-365-11	Sequence 11, Appl
23	93	57.4	28	15 US-10-369-226-50	Sequence 50, Appl
24	93	57.4	22	9 US-09-214-371-9	Sequence 9, Appl
25	93	57.4	115	9 US-09-925-299-1169	Sequence 1169, Ap
26	93	57.4	115	10 US-09-925-299-1169	Sequence 1169, Ap
27	92	56.8	16	8 US-08-610-230A-9	Sequence 9, Appl
28	92	56.8	16	9 US-09-214-371-43	Sequence 43, Appl
29	92	56.8	16	9 US-09-780-070-38	Sequence 38, Appl
30	92	56.8	16	9 US-09-150-623-9	Sequence 9, Appl
31	92	56.8	16	9 US-09-731-023A-10	Sequence 10, Appl
32	92	56.8	16	9 US-09-854-204-1	Sequence 1, Appl
33	92	56.8	16	9 US-09-900-147-8	Sequence 8, Appl
34	92	56.8	16	9 US-09-792-480-29	Sequence 29, Appl
35	92	56.8	16	9 US-09-785-802A-2	Sequence 2, Appl
36	92	56.8	16	9 US-09-785-802A-5	Sequence 5, Appl
37	92	56.8	16	9 US-09-902-432-32	Sequence 32, Appl
38	92	56.8	16	9 US-09-953-031A-10	Sequence 10, Appl
39	92	56.8	16	9 US-09-981-286A-3	Sequence 3, Appl
40	92	56.8	16	10 US-09-962-967A-6	Sequence 6, Appl
41	92	56.8	16	10 US-09-912-414-6	Sequence 6, Appl
42	92	56.8	16	10 US-09-775-052-54	Sequence 54, Appl
43	92	56.8	16	10 US-09-295-189-4	Sequence 4, Appl
44	92	56.8	16	10 US-09-965-876A-1	Sequence 1, Appl
45	92	56.8	16	11 US-09-933-780C-2	Sequence 2, Appl

ALIGNMENTS

RESULT 1
US-09-847-940B-18
Sequence 18, Application US/09847940B
Patent No. US2002015600A1
GENERAL INFORMATION:
APPLICANT: May, Michael J.
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PRT-117CP
CURRENT APPLICATION NUMBER: US/09/847, 940B
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 18
LENGTH: 28
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD peptides
US-09-847-940B-18

Query Match 100.0% Score 162; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 4e-13; 0;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 DROIKIWFQNRMRKMKKTALDMSWLQTE 28
DB 1 DROIKIWFQNRMRKMKKTALDMSWLQTE 28
RESULT 2
US-09-847-946A-18
Sequence 18, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J

```
/ APPLICANT: Ghosh, Sankar
/ APPLICANT: Findels, Mark A
/ APPLICANT: Phillips, Kathryn
/ APPLICANT: Hannig, Gerhard
/ TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
/ FILE REFERENCE: PPI-119
/ CURRENT APPLICATION NUMBER: US/09/847,946A
/ CURRENT FILING DATE: 2001-05-02
/ PRIOR APPLICATION NUMBER: 60/201,261
/ PRIOR FILING DATE: 2000-05-02
/ PRIOR APPLICATION NUMBER: 09/643,260
/ PRIOR FILING DATE: 2000-08-22
/ NUMBER OF SEQ ID NOS: 160
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 18
/ LENGTH: 28
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-18
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Query Match          100.0%; Score 162; DB 10; Length 28;
Best Local Similarity 100.0%; Pred. No. 4e-13;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 1 DROIKIFQNRMRKMKKTALDWSWLOTE 28
    |||||
DB 1 DROIKIFQNRMRKMKKTALDWSWLOTE 28
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```
RESULT 3
US-09-847-940B-19
/ Sequence 19, Application US/09847940B
/ Patent No. US2002015600A1
/ GENERAL INFORMATION:
/ APPLICANT: May, Michael J.
/ APPLICANT: Ghosh, Sankar
/ APPLICANT: Findels, Mark A
/ APPLICANT: Phillips, Kathryn
/ TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
/ FILE REFERENCE: PPI-117CP
/ CURRENT APPLICATION NUMBER: US/09/847,940B
/ CURRENT FILING DATE: 2001-05-02
/ PRIOR APPLICATION NUMBER: 09/643,260
/ PRIOR FILING DATE: 2000-08-22
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 19
/ LENGTH: 28
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:NBD peptides
US-09-847-940B-19
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Query Match          82.7%; Score 134; DB 9; Length 28;
Best Local Similarity 92.9%; Pred. No. 1.1e-09;
Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY 1 DROIKIFQNRMRKMKKTALDWSWLOTE 28
    |||||
DB 1 DROIKIFQNRMRKMKKTALDWSWLOTE 28
```

```
RESULT 4
US-09-847-946A-19
/ Sequence 19, Application US/09847946A
/ Publication No. US20030054999A1
/ GENERAL INFORMATION:
/ APPLICANT: May, Michael J
/ APPLICANT: Ghosh, Sankar
/ APPLICANT: Findels, Mark A
/ APPLICANT: Phillips, Kathryn
/ APPLICANT: Hannig, Gerhard
```

```
/ TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
/ FILE REFERENCE: PPI-119
/ CURRENT APPLICATION NUMBER: US/09/847,946A
/ CURRENT FILING DATE: 2001-05-02
/ PRIOR APPLICATION NUMBER: 60/201,261
/ PRIOR FILING DATE: 2000-05-02
/ PRIOR APPLICATION NUMBER: 09/643,260
/ PRIOR FILING DATE: 2000-08-22
/ NUMBER OF SEQ ID NOS: 160
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 19
/ LENGTH: 28
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-19
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```
Query Match          82.7%; Score 134; DB 10; Length 28;
Best Local Similarity 92.9%; Pred. No. 1.1e-09;
Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY 1 DROIKIFQNRMRKMKKTALDWSWLOTE 28
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DB 1 DROIKIFQNRMRKMKKTALDWSWLOTE 28
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RESULT 5
US-09-847-946A-131
/ Sequence 131, Application US/09847946A
/ Publication No. US20030054999A1
/ GENERAL INFORMATION:
/ APPLICANT: May, Michael J
/ APPLICANT: Ghosh, Sankar
/ APPLICANT: Findels, Mark A
/ APPLICANT: Phillips, Kathryn
/ APPLICANT: Hannig, Gerhard
/ TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
/ FILE REFERENCE: PPI-119
/ CURRENT APPLICATION NUMBER: US/09/847,946A
/ CURRENT FILING DATE: 2001-05-02
/ PRIOR APPLICATION NUMBER: 60/201,261
/ PRIOR FILING DATE: 2000-05-02
/ PRIOR APPLICATION NUMBER: 09/643,260
/ PRIOR FILING DATE: 2000-08-22
/ NUMBER OF SEQ ID NOS: 160
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 131
/ LENGTH: 18
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Sequence:anti-inflammatory compound
US-09-847-946A-131
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Query Match          64.8%; Score 105; DB 10; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.6e-06;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 11 RRMKMKKTALDWSWLOTE 28
    |||||
DB 1 RRMKMKKTALDWSWLOTE 18
```

```
RESULT 6
US-09-731-023A-12
/ Sequence 12, Application US/09731023A
/ Patent No. US2002007283A1
/ GENERAL INFORMATION:
/ APPLICANT: Sesca, William
/ TITLE OF INVENTION: Caveolin Peptides and Their Use as Therapeutics
/ FILE REFERENCE: 44574-5076-US
```

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; CURRENT APPLICATION NUMBER: US/09/731,023A
; PRIOR FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: US 60/231,327
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-731-023A-12

Query Match          62.3%; Score 101; DB 9; Length 36;
Best Local Similarity 69.2%; Pred. No. 1.5e-05;
Matches 18; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY 2 ROIKIMFQNRMRMKKKTALDMSWLOT 27
DB 1 ROIKIMFQNRMRMKKMGIDKAFPTT 26

RESULT 7
US-10-358-365-12
; Sequence 12, Application US/10358365
; Publication No. US20030165510A1
; GENERAL INFORMATION:
; APPLICANT: Sasega, William
; TITLE OF INVENTION: Caveolin Peptides and Their Use as Therapeutics
; FILE REFERENCE: 44574-5076-US
; CURRENT APPLICATION NUMBER: US/10/358,365
; CURRENT FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: US 09/731,023
; PRIOR FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: US 60/231,327
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-358-365-12

Query Match          62.3%; Score 101; DB 14; Length 36;
Best Local Similarity 69.2%; Pred. No. 1.5e-05;
Matches 18; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY 2 ROIKIMFQNRMRMKKKTALDMSWLOT 27
DB 1 ROIKIMFQNRMRMKKMGIDKAFPTT 26

RESULT 8
US-10-229-915-1
; Sequence 1, Application US/10229915
; Publication No. US20030083262A1
; GENERAL INFORMATION:
; APPLICANT: Lazarus, Douglas
; APPLICANT: Hannaf, Gerhard
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING INFLAMMATORY
; TITLE OF INVENTION: DISORDERS
; FILE REFERENCE: PFI-127
; CURRENT APPLICATION NUMBER: US/10/229,915
; CURRENT FILING DATE: 2002-08-27
; PRIOR APPLICATION NUMBER: US 60/316,328
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 39
; ORGANISM: Artificial Sequence
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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: anti-inflammatory compound
US-10-229-915-1

Query Match          60.5%; Score 98; DB 14; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e-05;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DRQIKIMFQNRMRMKK 17
DB 1 DRQIKIMFQNRMRMKK 17

RESULT 9
US-10-161-499-79
; Sequence 79, Application US/10161499
; Publication No. US20030044427A1
; GENERAL INFORMATION:
; APPLICANT: Howley, Peter M.
; APPLICANT: Benson, John
; APPLICANT: Kasukawa, Hiroaki
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
; TITLE OF INVENTION: PAPILLOMAVIRUS-INFECTED CELLS
; FILE REFERENCE: HMV-041.01
; CURRENT APPLICATION NUMBER: US/10/161,499
; CURRENT FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: US/09/347,504
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 79
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-161-499-79

Query Match          59.9%; Score 97; DB 14; Length 34;
Best Local Similarity 64.3%; Pred. No. 4.4e-05;
Matches 18; Conservative 3; Mismatches 5; Indels 2; Gaps 1;

QY 1 DRQIKIMFQNRMRMKKKTALDMSWLOT 28
DB 1 ERQIKIMFQNRMRMKKKG--WKIMRLE 26

RESULT 10
US-10-097-175-101
; Sequence 101, Application US/10097175
; Publication No. US20030045680A1
; GENERAL INFORMATION:
; APPLICANT: JOYAL, JOHN L.
; APPLICANT: MUELLER, JOHN
; APPLICANT: OZA, VIBHA B.
; APPLICANT: FINDEIS, MARK A.
; TITLE OF INVENTION: PEPTIDIC MODULATORS OF THE ANDROGEN RECEPTOR
; FILE REFERENCE: PFI-110
; CURRENT APPLICATION NUMBER: US/10/097,175
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/275,240
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: 60/352,399
; PRIOR FILING DATE: 2002-01-28
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 101
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Artificial Sequence
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FEATURE:
OTHER INFORMATION: Androgen Receptor Binding Polypeptides
US-10-097-175-101

Query Match 59.3%; Score 96; DB 14; Length 26;
Best Local Similarity 77.3%; Pred. No. 4.6e-05;
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
QY 2 ROIKIFONRRMKKKTALDMS 23
DB 1 ROIKIFONRRMKKKTLEISS 22

RESULT 11
US-08-610-220A-11
Sequence 11, Application US/08610220A
Publication No. US2003099638A1
GENERAL INFORMATION:
APPLICANT: Troy, Carol M.
TITLE OF INVENTION: COMPOUNDS WHICH PREVENT NEURONAL CELL
DEATH AND USES THEREOF
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/610,220A
FILING DATE: MAR-04-1996
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 48332/JPW/JML
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-610-220A-11
Query Match 58.6%; Score 95; DB 8; Length 21;
Best Local Similarity 94.4%; Pred. No. 5e-05;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2 ROIKIFONRRMKKKTALDMS 23
DB 1 ROIKIFONRRMKKKTALDMS 22

RESULT 12
US-09-150-623-11
Sequence 11, Application US/09150623
Patent No. US20020044931A1
GENERAL INFORMATION:
APPLICANT: Troy, Carol M.
TITLE OF INVENTION: COMPOUNDS WHICH PREVENT NEURONAL CELL
DEATH AND USES THEREOF
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:

ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/150,623
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/610,220
FILING DATE: MAR-04-1996
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 48332/JPW/JML
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-09-150-623-11

Query Match 58.6%; Score 95; DB 9; Length 21;
Best Local Similarity 94.4%; Pred. No. 5e-05;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2 ROIKIFONRRMKKKTALDMS 23
DB 1 ROIKIFONRRMKKKTALDMS 22

RESULT 13
US-10-432-291-4
Sequence 4, Application US/10432291
Publication No. US20040029281A1
GENERAL INFORMATION:
APPLICANT: Centre National de la Recherche Scientifique (CNRS)
APPLICANT: Joliet, Alain
APPLICANT: Dupont, Edmond
TITLE OF INVENTION: Carrier vectors through an epithelium with tight junctions
FILE REFERENCE: 45636-5067-US
CURRENT APPLICATION NUMBER: US/10/432,291
CURRENT FILING DATE: 2003-05-20
PRIOR APPLICATION NUMBER: PCT/FR01/03631
PRIOR FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: FR 00/14945
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin version 3.2
SEQ ID NO 4
LENGTH: 27
TYPE: PRT
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: nuclear export and penetratin sequence for transport vectors
US-10-432-291-4
Query Match 58.0%; Score 94; DB 12; Length 27;
Best Local Similarity 94.1%; Pred. No. 8.3e-05;
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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Db 11 ERQIKWFO~~NR~~RMKK 27

RESULT 14

US-10-188-947-11
; Sequence 11, Application US/10188947
; Publication No. US2003002393A1
; GENERAL INFORMATION:
; APPLICANT: MEDHITOV, Ruslan
; APPLICANT: HORNIG, Tiffany
; APPLICANT: BARTON, Gregory
; TITLE OF INVENTION: TOLL/INTERLEUKIN-1 RECEPTOR ADAPTER PROTEIN (TIRAP)
; FILE REFERENCE: 044574-5101US
; CURRENT APPLICATION NUMBER: US/10/188,947
; CURRENT FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/289,738
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 60/289,815
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 60/289,866
; PRIOR FILING DATE: 2001-05-14
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 11
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: TIRAP/Antennapedia fusion protein
; NAME/KEY: MISC_FEATURE
; OTHER INFORMATION: TIRAP/Antennapedia fusion protein
US-10-188-947-11

Query Match

Best Local Similarity 58.0%; Score 94; DB 14; Length 30;
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; Sequence 44, Application US/10118079
; Publication No. US20030103957A1
; GENERAL INFORMATION:
; APPLICANT: MCKERRACHER, LISA
; TITLE OF INVENTION: FUSION PROTEINS
; FILE REFERENCE: 06746-004-US-03
; CURRENT APPLICATION NUMBER: US/10/118,079
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: CA 2,367,636
; PRIOR FILING DATE: 2002-01-15
; PRIOR APPLICATION NUMBER: CA 2,362,004
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: CA 2,342,970
; PRIOR FILING DATE: 2001-04-12
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 44
; LENGTH: 64
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Amino acid sequence of Antennapedia from C3APL
US-10-118-079-44

Query Match 58.0%; Score 94; DB 14; Length 64;
Best Local Similarity 94.1%; Pred. No. 0.00018;

Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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Db 46 ERQIKWFO~~NR~~RMKK 62

Search completed: March 17, 2004, 18:45:32
Job time: 101.132 secs

GenCore version 5.1.6
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OM protein - protein search, using SW model

Run on: March 17, 2004, 18:31:46 ; Search time 101.132 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-19

Sequence score: 148
1 DROIKIWFQNRMRMKKTALDASALQTE 28

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:*

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- 18: /cgn2_6/ptodata/1/pubppa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	148	100.0	28	9	US-09-847-940B-19
2	148	100.0	28	10	US-09-847-946A-19
3	134	90.5	28	9	US-09-847-940B-18
4	134	90.5	28	10	US-09-847-946A-18
5	101	68.2	26	14	US-10-097-175-101
6	100	67.6	36	9	US-09-731-023A-12
7	100	67.6	36	14	US-10-358-365-12
8	98	66.2	17	14	US-10-229-915-1
9	95	64.2	21	8	US-08-610-220A-11
10	95	64.2	21	9	US-09-150-623-11
11	95	64.2	30	14	US-10-188-947-11
12	94.5	63.9	269	15	US-10-116-275-190
13	94	63.5	27	12	US-10-432-291-4
14	94	63.5	34	14	US-10-161-499-79
15	94	63.5	36	9	US-09-731-023A-11

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23 <td>93 <td>62.8 <td>28</td> <td>9</td> <td>US-09-214-371-9</td> <td>Sequence 1169, Ap</td> </td></td>	93 <td>62.8 <td>28</td> <td>9</td> <td>US-09-214-371-9</td> <td>Sequence 1169, Ap</td> </td>	62.8 <td>28</td> <td>9</td> <td>US-09-214-371-9</td> <td>Sequence 1169, Ap</td>	28	9	US-09-214-371-9	Sequence 1169, Ap
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ALIGNMENTS

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US-09-847-940B-19
Sequence 19, Application US/09847940B
Patent No. US2002015600A1
GENERAL INFORMATION:
APPLICANT: May, Michael J.
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
FILE REFERENCE: PPI-117CP
CURRENT APPLICATION NUMBER: US/09/847, 940B
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 09/643,260
PRIOR FILING DATE: 2000-08-22
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 19
LENGTH: 28
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NBD peptides
US-09-847-940B-19

Query Match 100.0%; Score 148; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 8.8e-14;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DROIKIWFQNRMRMKKTALDASALQTE 28
Db 1 DROIKIWFQNRMRMKKTALDASALQTE 28

RESULT 2
US-09-847-946A-19
Sequence 19, Application US/09847946A
Publication No. US20030054999A1
GENERAL INFORMATION:
APPLICANT: May, Michael J

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; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hennig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
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; LENGTH: 28
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; FEATURE:
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US-09-847-946A-19

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Query Match          100.0%; Score 148; DB 10; Length 28;
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Db 1 DROIKIFQNRMRKMKKTALDASALQTE 28

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RESULT 3
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; Patent No. US2002015600A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptides
US-09-847-940B-18

```

```

Query Match          90.5%; Score 134; DB 9; Length 28;
Best Local Similarity 92.9%; Pred. No. 8e-12;
Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 1 DROIKIFQNRMRKMKKTALDASALQTE 28
|||
Db 1 DROIKIFQNRMRKMKKTALDASALQTE 28

```

```

RESULT 4
US-09-847-946A-18
; Sequence 18, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hennig, Gerhard

```

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; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-18

```

```

Query Match          90.5%; Score 134; DB 10; Length 28;
Best Local Similarity 92.9%; Pred. No. 8e-12;
Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 1 DROIKIFQNRMRKMKKTALDASALQTE 28
|||
Db 1 DROIKIFQNRMRKMKKTALDASALQTE 28

```

```

RESULT 5
US-10-097-175-101
; Sequence 101, Application US/10097175
; Publication No. US20030045680A1
; GENERAL INFORMATION:
; APPLICANT: JOYAL, JOHN L.
; APPLICANT: MUELLER, JOHN
; APPLICANT: OZA, VIBHA B.
; APPLICANT: FINDEIS, MARK A.
; TITLE OF INVENTION: PEPTIDIC MODULATORS OF THE ANDROGEN RECEPTOR
; FILE REFERENCE: PPI-110
; CURRENT APPLICATION NUMBER: US/10/097,175
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/275,240
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: 60/352,399
; PRIOR FILING DATE: 2002-01-28
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 101
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Androgen Receptor Binding Polypeptides
US-10-097-175-101

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Query Match          68.2%; Score 101; DB 14; Length 26;
Best Local Similarity 73.9%; Pred. No. 3.2e-07;
Matches 17; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

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```

QY 2 RQIKIFQNRMRKMKKTALDASA 24
|||
Db 1 RQIKIFQNRMRKMKKTALDASA 23

```

```

RESULT 6
US-09-731-023A-12
; Sequence 12, Application US/09731023A
; Patent No. US20020077283A1
; GENERAL INFORMATION:
; APPLICANT: Sessa, William
; TITLE OF INVENTION: Caveolin Peptides and Their Use as Therapeutics
; FILE REFERENCE: 44574-5076-US
; CURRENT APPLICATION NUMBER: US/09/731,023A
; CURRENT FILING DATE: 2000-12-07

```


PRIOR APPLICATION NUMBER: US 60/231,327
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 12
LENGTH: 36
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-09-731-023A-12

Query Match 67.6%; Score 100; DB 9; Length 36;
Best Local Similarity 69.2%; Pred. No. 6e-07;
Matches 18; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

Qy 2 ROIKIWFQNRMMKKKTALDASALQT 27
Db 1 ROIKIWFQNRMMKKMGIDKAFPTT 26

RESULT 7
US-10-358-365-12
Sequence 12, Application US/10358365
Publication No. US20030165510A1
GENERAL INFORMATION:
APPLICANT: Seaga, William
TITLE OF INVENTION: Caveolin Peptides and Their Use as Therapeutics
FILE REFERENCE: 44574-5076-US
CURRENT APPLICATION NUMBER: US/10/358,365
CURRENT FILING DATE: 2003-02-04
PRIOR APPLICATION NUMBER: US 09/731,023
PRIOR FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: US 60/231,327
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 12
LENGTH: 36
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-10-358-365-12

Query Match 67.6%; Score 100; DB 14; Length 36;
Best Local Similarity 69.2%; Pred. No. 6e-07;
Matches 18; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

Qy 2 ROIKIWFQNRMMKKKTALDASALQT 27
Db 1 ROIKIWFQNRMMKKMGIDKAFPTT 26

RESULT 8
US-10-229-915-1
Sequence 1, Application US/10229915
Publication No. US20030083262A1
GENERAL INFORMATION:
APPLICANT: Lazarus, Douglas
APPLICANT: Hannig, Gerhard
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING INFLAMMATORY
DISEASES
FILE REFERENCE: PFI-127
CURRENT APPLICATION NUMBER: US/10/229,915
CURRENT FILING DATE: 2002-08-27
PRIOR APPLICATION NUMBER: US 60/316,328
PRIOR FILING DATE: 2001-08-30
NUMBER OF SEQ ID NOS: 39
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1

LENGTH: 17
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: anti-inflammatory compound
US-10-229-915-1

Query Match 66.2%; Score 98; DB 14; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DROIKIWFQNRMMKKKK 17
Db 1 DROIKIWFQNRMMKKKK 17

RESULT 9
US-08-610-220A-11
Sequence 11, Application US/08610220A
Publication No. US2003009638A1
GENERAL INFORMATION:
APPLICANT: Troy, Carol M.
TITLE OF INVENTION: COMPOUNDS WHICH PREVENT NEURONAL CELL
DEATH AND USES THEREOF
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/610,220A
FILING DATE: MAR-04-1996
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 48332/JPW/JML
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-610-220A-11

Query Match 64.2%; Score 95; DB 8; Length 21;
Best Local Similarity 94.4%; Pred. No. 1.8e-06;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 ROIKIWFQNRMMKKKTAL 19
Db 1 ROIKIWFQNRMMKKKKA 18

RESULT 10
US-09-150-623-11
Sequence 11, Application US/09150623
Patent No. US20020044931A1
GENERAL INFORMATION:
APPLICANT: Troy, Carol M.
TITLE OF INVENTION: COMPOUNDS WHICH PREVENT NEURONAL CELL

```

; TITLE OF INVENTION: DEATH AND USES THEREOF
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/150,623
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/610,220
; FILING DATE: MAR-04-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 48332/JPM/JML
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-391-0525
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-09-150-623-11

Query Match 64.2%; Score 95; DB 9; Length 21;
Best Local Similarity 94.4%; Pred. No. 1.8e-06;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 RQIKWFOQRMRMKKTA 19
Db 1 RQIKWFOQRMRMKKQA 18

RESULT 11
US-10-188-947-11
; Sequence 11, Application US/10188947
; Publication No. US20030023993A1
; GENERAL INFORMATION:
; APPLICANT: MEDHITOV, Russian
; APPLICANT: HORNG, Tiffany
; TITLE OF INVENTION: TOLL/INTERLEUKIN-1 RECEPTOR ADAPTER PROTEIN (TIRAP)
; FILE REFERENCE: 044574-5101US
; CURRENT APPLICATION NUMBER: US/10/188,947
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/289,738
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 60/289,815
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 60/289,866
; PRIOR FILING DATE: 2001-05-14
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patent version 3.1
; SEQ ID NO 11
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: TIRAP/Antennapedia fusion protein
; NAME/KEY: MISC_FEATURE

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; OTHER INFORMATION: TIRAP/Antennapedia fusion protein
; US-10-188-947-11

Query Match 64.2%; Score 95; DB 14; Length 30;
Best Local Similarity 78.3%; Pred. No. 2.5e-06;
Matches 18; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 2 RQIKWFOQRMRMKKTALDASA 24
Db 1 RQIKWFOQRMRMKKQLRDAA 23

RESULT 12
US-10-116-275-190
; Sequence 190, Application US/10116275
; Publication No. US20030211476A1
; GENERAL INFORMATION:
; APPLICANT: Elan Pharmaceutical Technology
; APPLICANT: O'Mahony, David J.
; APPLICANT: Brayden, David
; APPLICANT: Byrne, Daragh
; APPLICANT: Lamkin, Imelda
; APPLICANT: Higgins, Lisa
; TITLE OF INVENTION: Genetic Analysis of Peyer's Patches and M Cells and Methods and
; FILE REFERENCE: E1067/20087
; CURRENT APPLICATION NUMBER: US/10/116,275
; PRIOR FILING DATE: 2002-10-04
; NUMBER OF SEQ ID NOS: 349
; SOFTWARE: Patent version 3.1
; SEQ ID NO 190
; LENGTH: 269
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-116-275-190

Query Match 63.9%; Score 94.5; DB 15; Length 269;
Best Local Similarity 67.9%; Pred. No. 2.6e-05;
Matches 19; Conservative 3; Mismatches 5; Indels 1; Gaps 1;

Qy 1 DRQIKWFOQRMRMKK-TALDASALOT 27
Db 235 ERQIKWFOQRMRMKKDKNDLKMSLAT 262

RESULT 13
US-10-432-291-4
; Sequence 4, Application US/10432291
; Publication No. US20040029281A1
; GENERAL INFORMATION:
; APPLICANT: Centre National de la Recherche Scientifique (CNRS)
; APPLICANT: Joliet, Alain
; APPLICANT: Dupont, Edmond
; APPLICANT: Prochiantz, Alain
; TITLE OF INVENTION: Carrier vectors through an epithelium with tight junctions
; FILE REFERENCE: 45636-5067-US
; CURRENT APPLICATION NUMBER: US/10/432,291
; PRIOR FILING DATE: 2003-05-20
; PRIOR APPLICATION NUMBER: PCT/FR01/03631
; PRIOR FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: FR 00/14945
; PRIOR FILING DATE: 2000-11-20
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patent version 3.2
; SEQ ID NO 4
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: nuclear export and penetratin sequence for transport vectors
; US-10-432-291-4

Query Match 63.5%; Score 94; DB 12; Length 27;

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Best Local Similarity 94.1%; Pred. No. 3, 1e-06;
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Search completed: March 17, 2004, 18:45:33
Job time : 102.132 secs

Qy 1 DROIKWFONRMKKK 17
:|||||
Db 11 EROIKWFONRMKKK 27

RESULT 14
US-10-161-499-79

; Sequence 79, Application US/10161499
; Publication No. US20030044427A1

; GENERAL INFORMATION:

; APPLICANT: Howley, Peter M.

; APPLICANT: Benson, John

; APPLICANT: Kasukawa, Hiroaki

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING

; FILE REFERENCE: HMV-041.01

; CURRENT APPLICATION NUMBER: US/10/161,499

; PRIOR APPLICATION NUMBER: 2002-06-03

; PRIOR FILING DATE: 1999-07-02

; NUMBER OF SEQ ID NOS: 79

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 79

; LENGTH: 34

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-161-499-79

Query Match 63.5%; Score 94; DB 14; Length 34;
Best Local Similarity 94.1%; Pred. No. 4e-06;

Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DROIKWFONRMKKK 17
:|||||
Db 1 EROIKWFONRMKKK 17

RESULT 15
US-09-731-023A-11

; Sequence 11, Application US/09731023A

; Patent No. US2002007283A1

; GENERAL INFORMATION:

; APPLICANT: Seese, William

; TITLE OF INVENTION: Caveolin Peptides and Their Use as Therapeutics

; FILE REFERENCE: 44574-5076-US

; CURRENT APPLICATION NUMBER: US/09/731,023A

; CURRENT FILING DATE: 2000-12-07

; PRIOR APPLICATION NUMBER: US 60/231,327

; PRIOR FILING DATE: 2000-09-08

; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 11

; LENGTH: 36

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:

; OTHER INFORMATION: Antennapedia-caveolin-1 scaffolding domain fusion

; OTHER INFORMATION: peptide

US-09-731-023A-11

Query Match 63.5%; Score 94; DB 9; Length 36;
Best Local Similarity 65.4%; Pred. No. 4.2e-06;
Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

Qy 2 ROIKWFONRMKKKTALDASALQT 27
:|||||
Db 1 ROIKWFONRMKKKGKIKWASFTT 26